

NEW



BEST AVAILABLE COPY

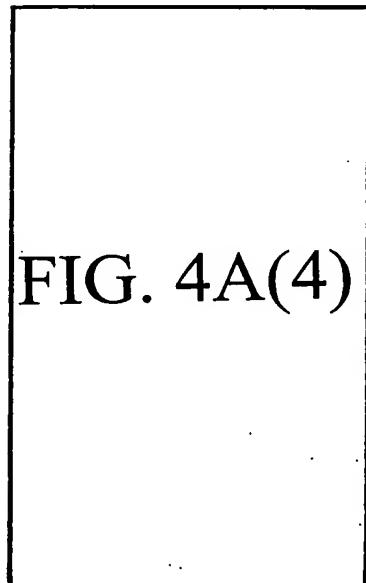
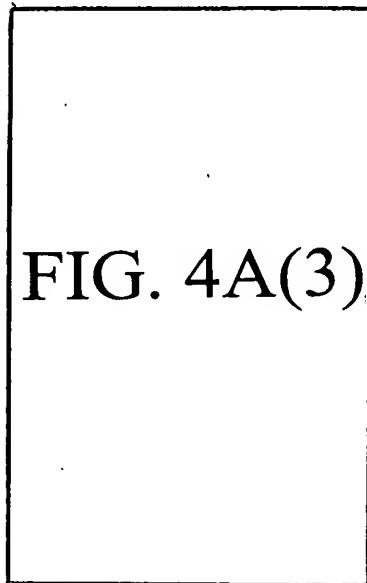
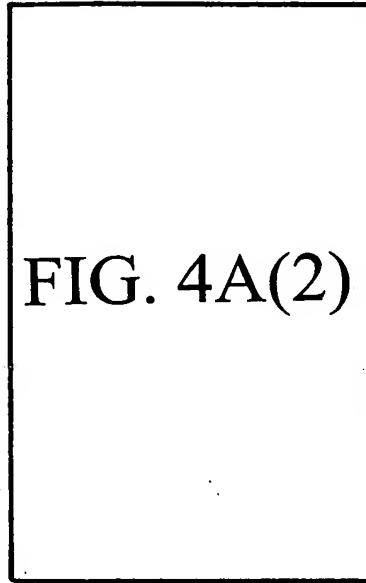
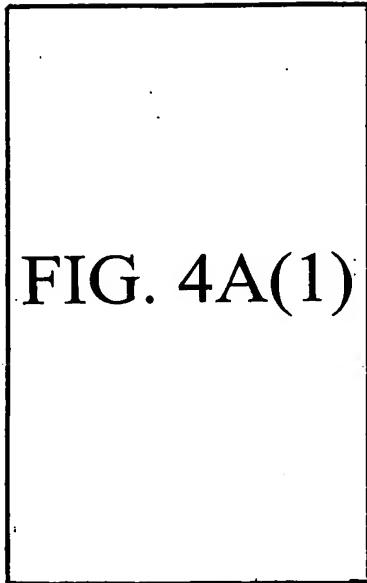


FIG. 4A

REPLACEMENT SHEET

FIG. 4A(1)

REPLACEMENT SHEET

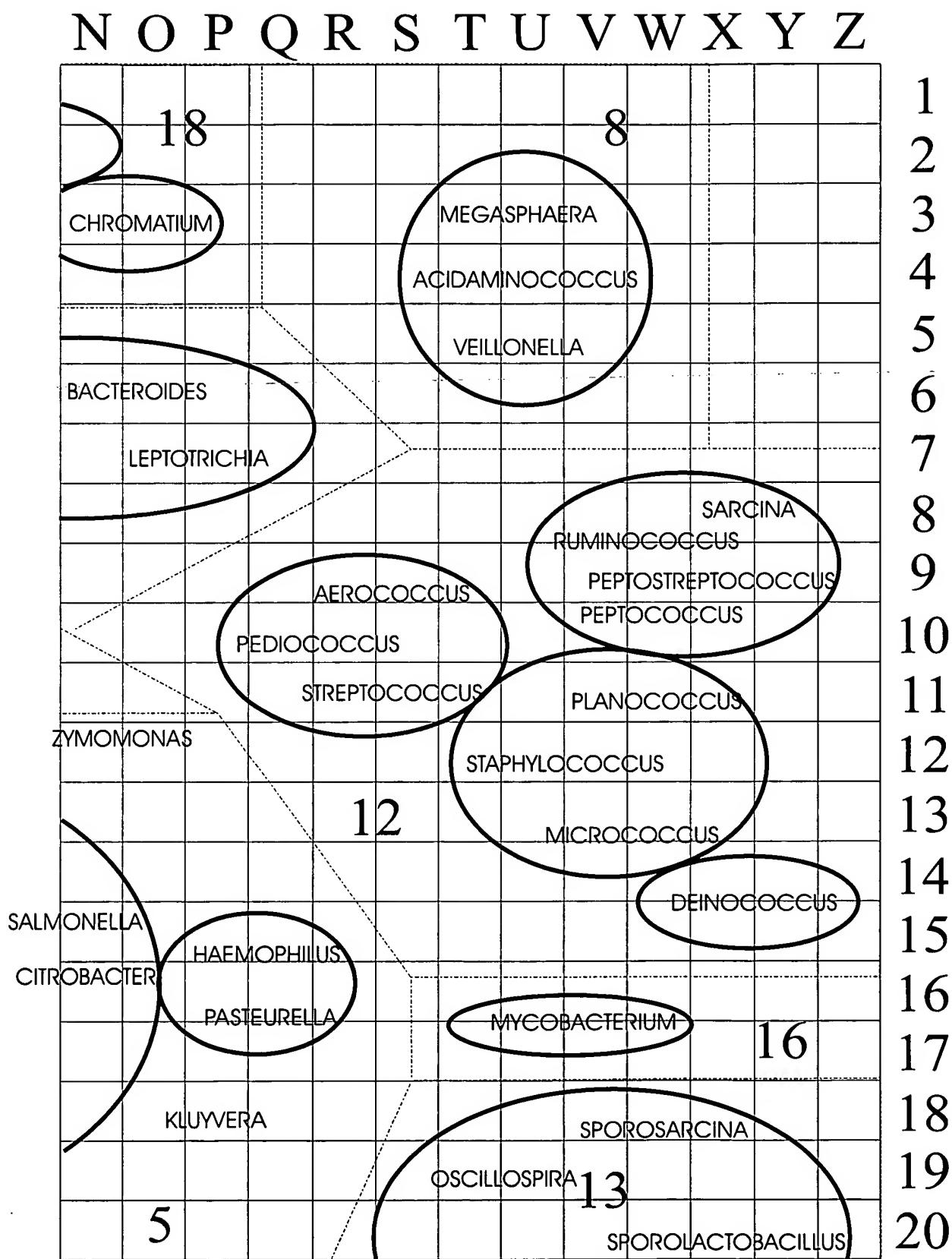


FIG. 4A(2)

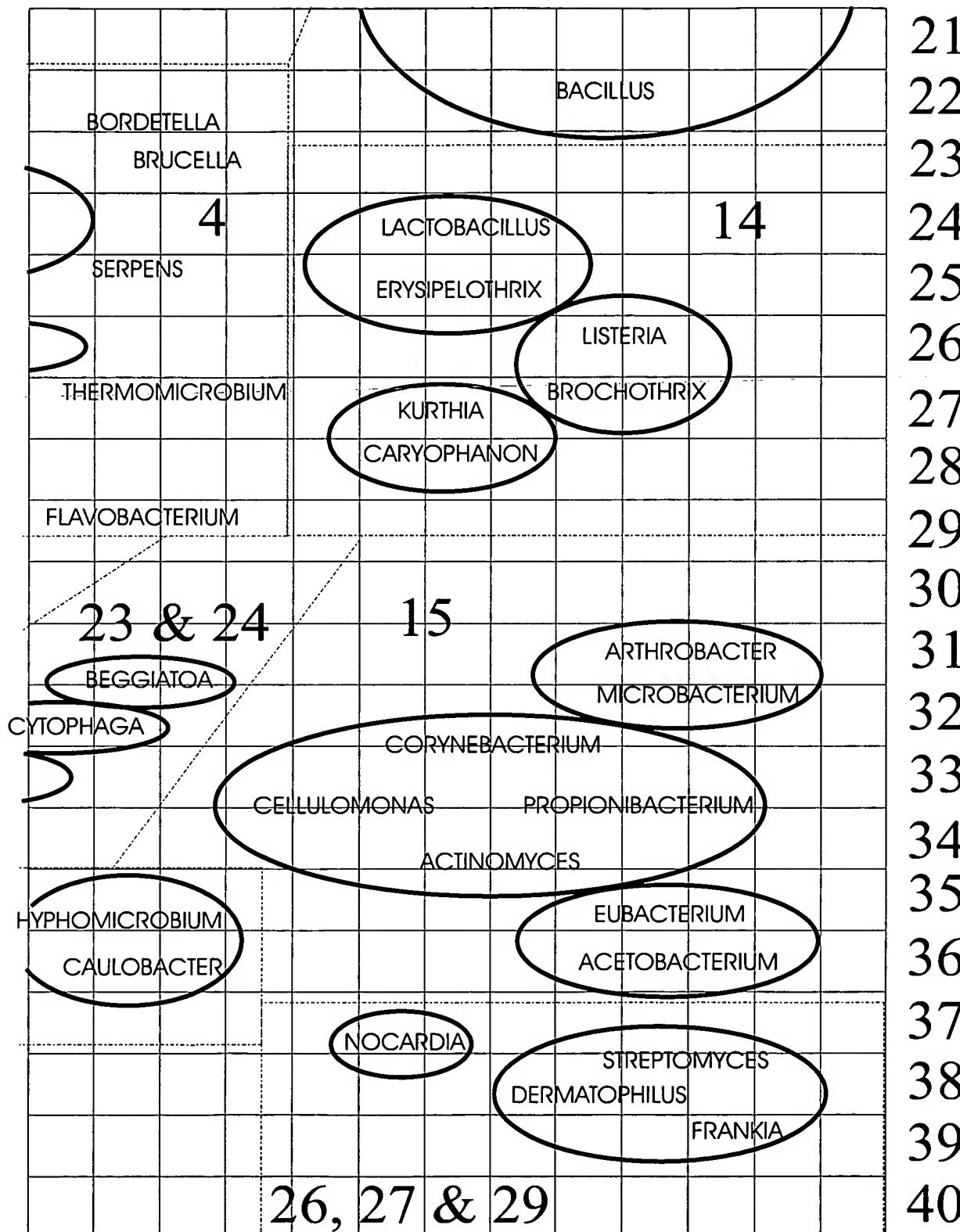
REPLACEMENT SHEET

21									CHROMOBACTERIUM		
22								JANTHINOBACTERIUM	FRANCISELLA		
23				BIEUJERINKIA					ALCALIGENES		
24			DERXIA	AZOTOBACTER AZOMONAS					NESSERIA		
25				RHIZOBIUM		ZOOGLOEA		MORAXELLA ACINETOBACTER			
26				AGROBACTERIUM	XANTHOMONAS		PSEUDOMONAS		LEGIONELLA		
27				METHYLOMONAS			FRATEURIA		GLUCONOBACTER		
28					HALOBACTERIUM				ACETOBACTER		
29											
30						2		BDELOVIBRIO	SPIROSOMA		
31			1					SPIRILLUM	VAMPIROVIBRIO	3	
32				TREPONEMA							
33				SPIROCHEATA					MYXOCOCCUS		
34				LEPTOSPIRA							
35								GALLIONELLA			
36											
37								21			
38											
39											
40											

A B C D E F G H I J K L M

FIG. 4A(3)

REPLACEMENT SHEET



N O P Q R S T U V W X Y Z
FIG. 4A(4)

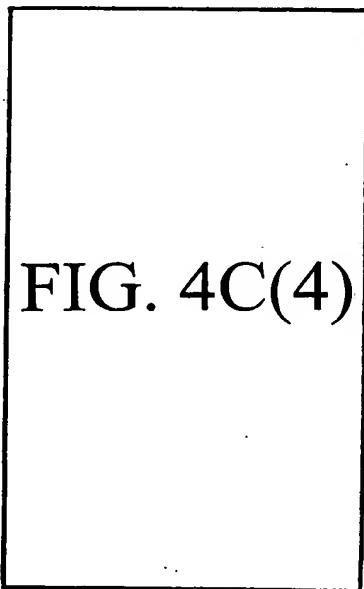
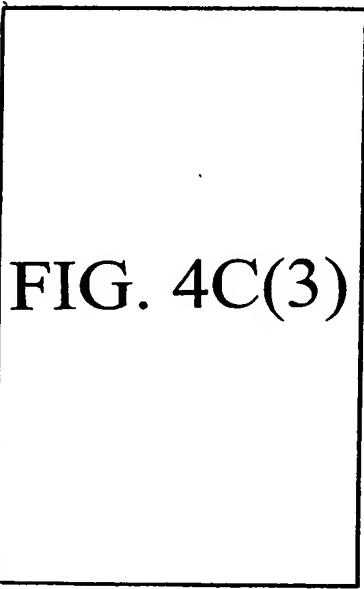
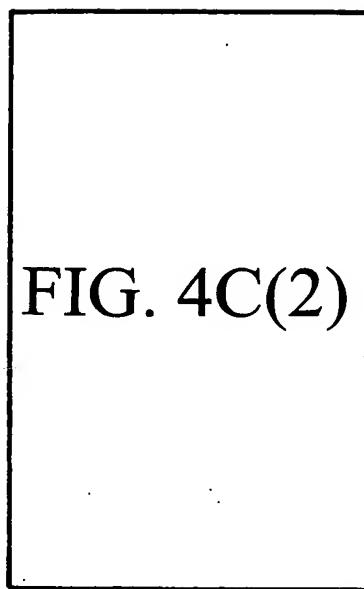
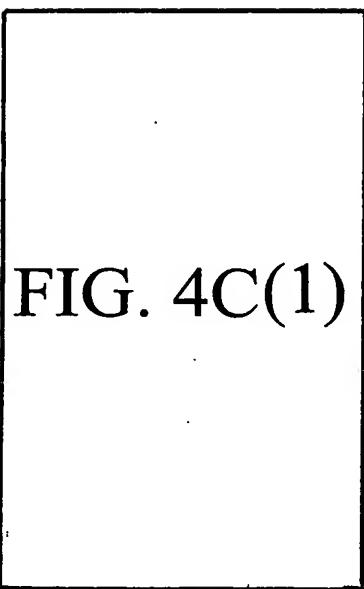


FIG. 4C

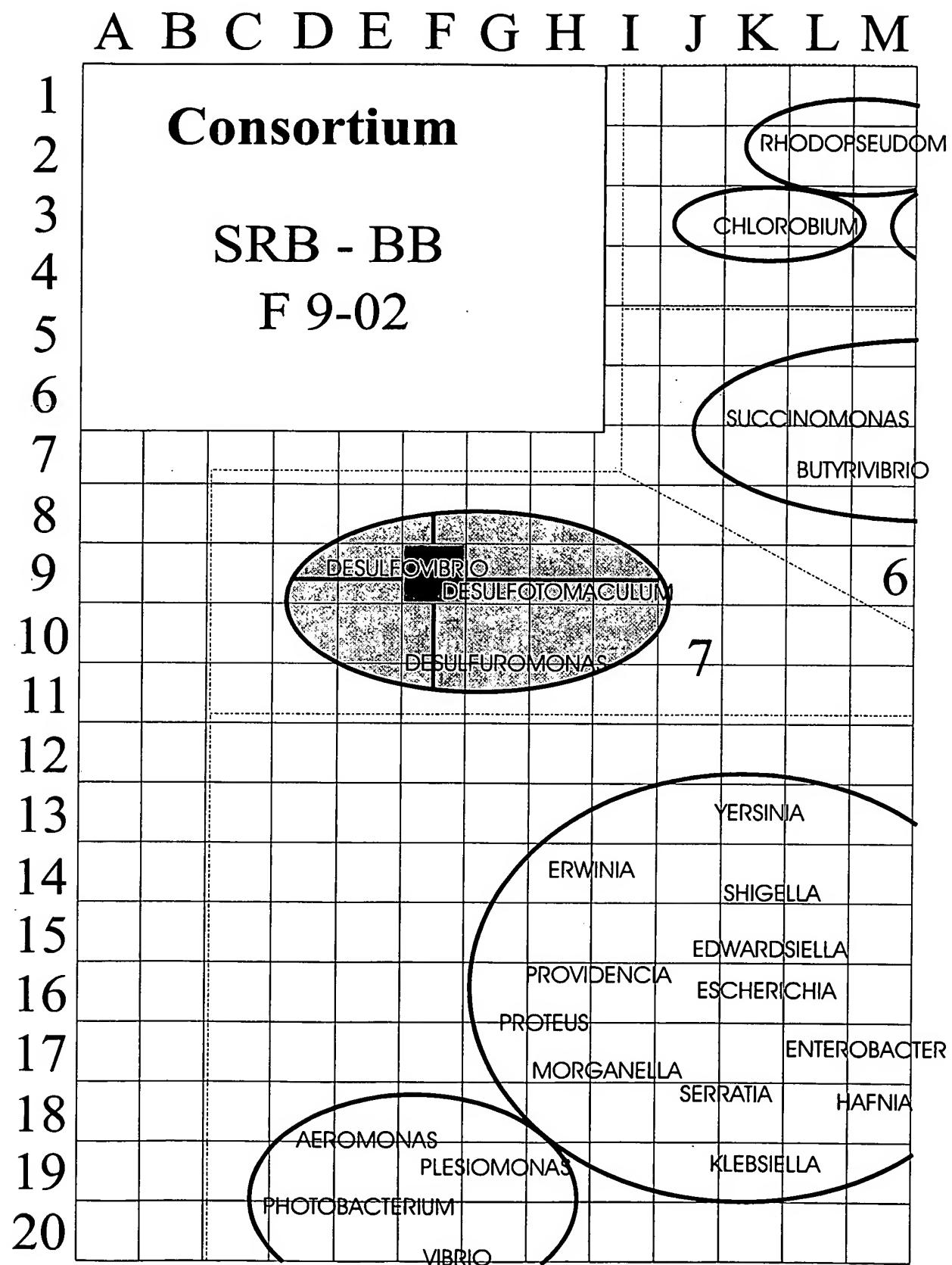


FIG. 4C(1)

REPLACEMENT SHEET

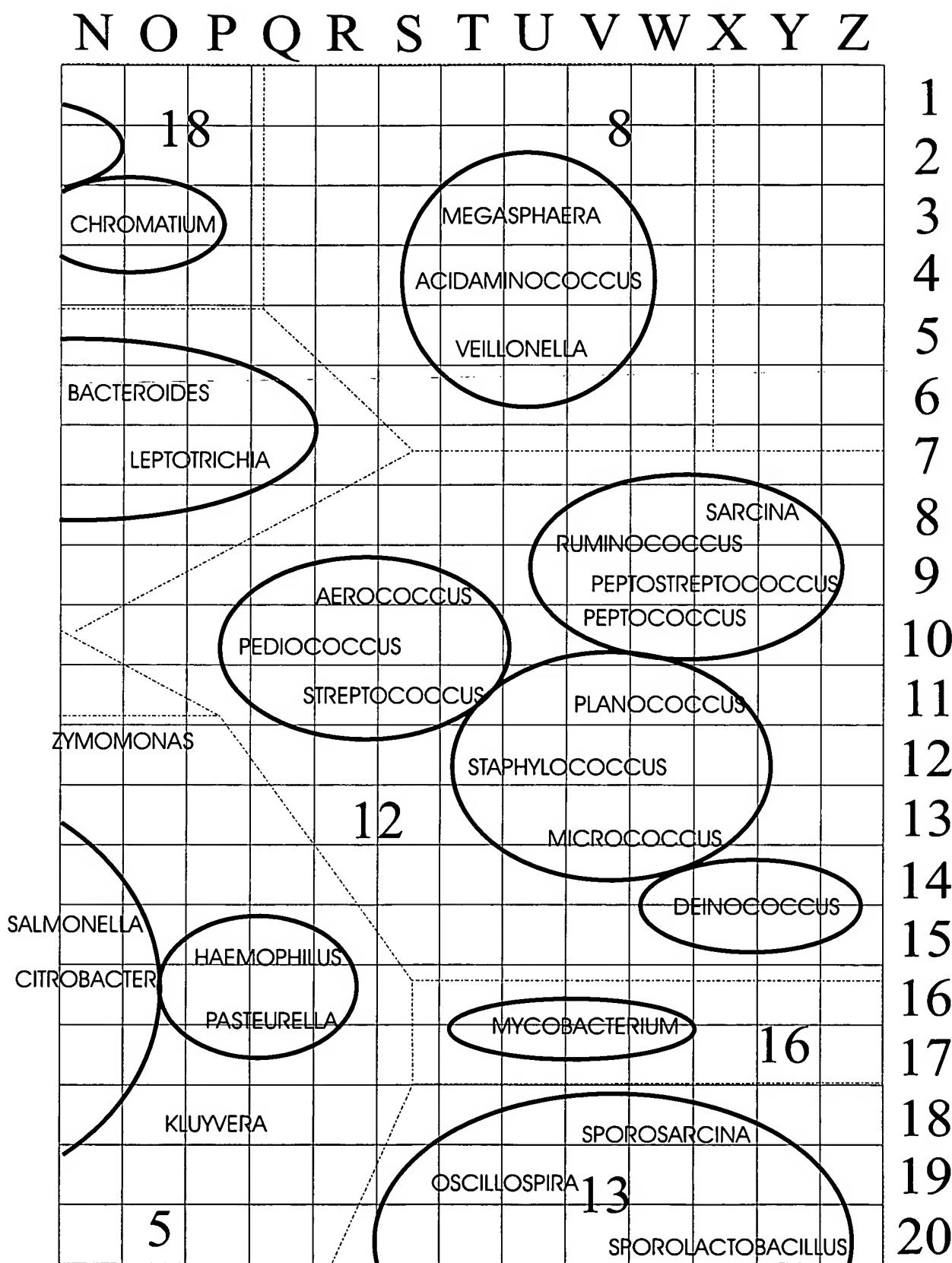


FIG. 4C(2)

REPLACEMENT SHEET

21													CHROMOBACTERIUM	
22													JANTHINOBACTERIUM	FRANCISELLA
23													BIEIJERINKIA	ALCALIGENES
24													DERXIA	NEISSERIA
25													AZOTOBACTER AZOMONAS	MORAXELLA ACINETOBACTER
26													RHIZOBIUM	ZOOGLOEA
27													AGROBACTERIUM	PSEUDOMONAS
28													XANTHOMONAS	LEGIONELLA
29													METHYLOMONAS	FRATEURIA
30													HALOBACTERIUM	GLUCONOBACTER
31													1	ACETOBACTER
32													2	BDELOVIBRIO
33													3	SPIROSOAMA
34													TREPONEMA	SPIRILLUM
35													SPIROCHEATA	VAMPIROVIBRIO
36													LEPTOSPIRA	MYXOCOCCUS
37														GALLIONELLA
38														21
39														
40														

A B C D E F G H I J K L M

FIG. 4C(3)

REPLACEMENT SHEET

BORDETELLA
 BRUCELLA
 SERPENS
 THERMOMICROBIUM
 FLAVOBACTERIUM
 BEGGIA TOA
 CYTOPHAGA
 HYPHOMICROBIUM
 CAULOBACTER
 LACTOBACILLUS
 ERYSIP ELOTHRIX
 KURTHIA
 CARYOPHANON
 LISTERIA
 BROCHOTHRIX
 ARTHROBACTER
 MICROBACTERIUM
 CORYNEBACTERIUM
 CELLULOMONAS
 PROPIONIBACTERIUM
 ACTINOMYCES
 NOCARDIA
 EUBACTERIUM
 ACETOBACTERIUM
 STREPTOMYCES
 DERMATOPHILUS
 FRANKIA

4
 14
 23 & 24
 15
 26, 27 & 29

N O P Q R S T U V W X Y Z

FIG. 4C(4)

FIG. 4D(1)

FIG. 4D(2)

FIG. 4D(3)

FIG. 4D(4)

FIG. 4D

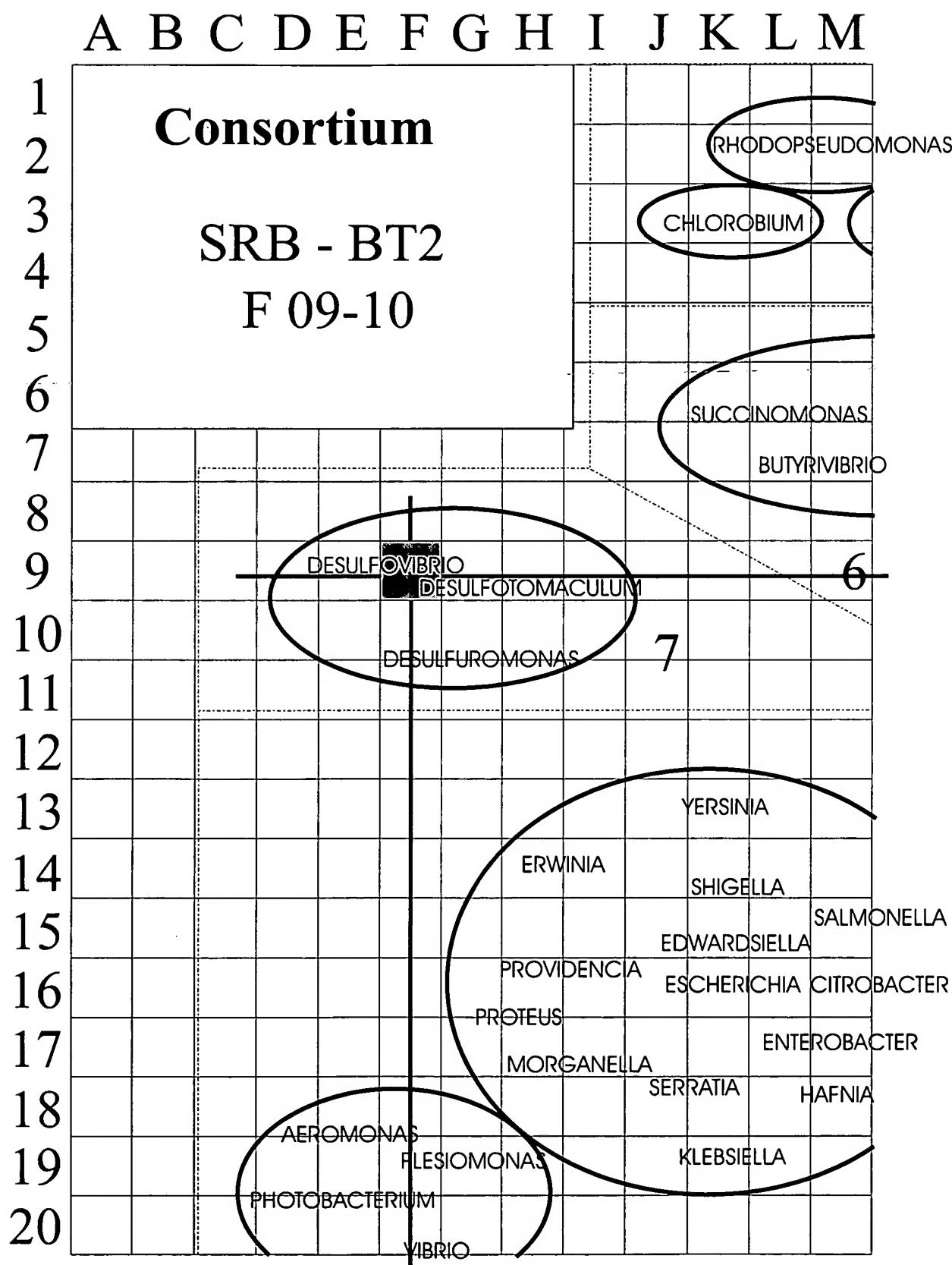


FIG. 4D(1)

N O P Q R S T U V W X Y Z

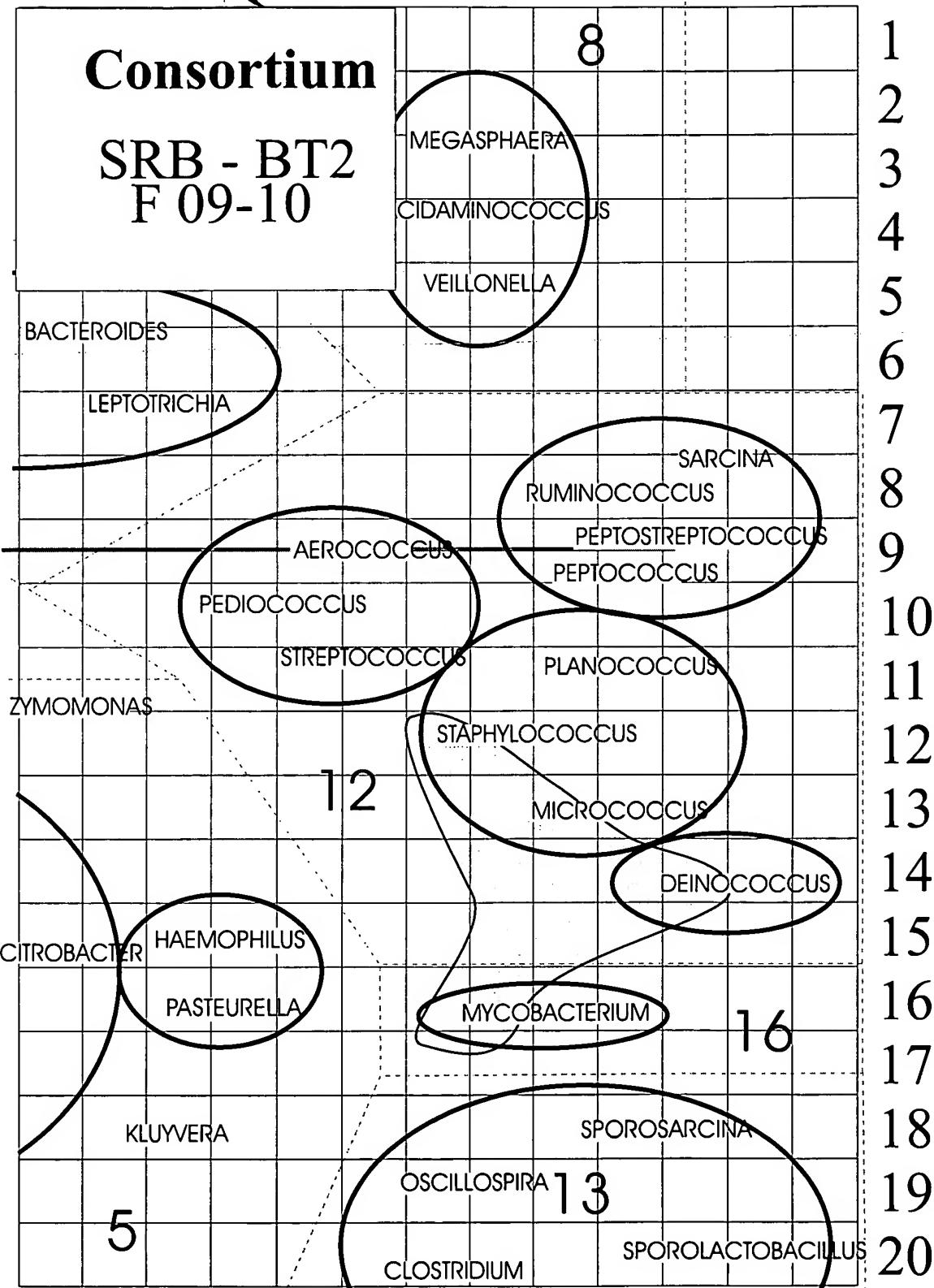


FIG. 4D(2)

REPLACEMENT SHEET

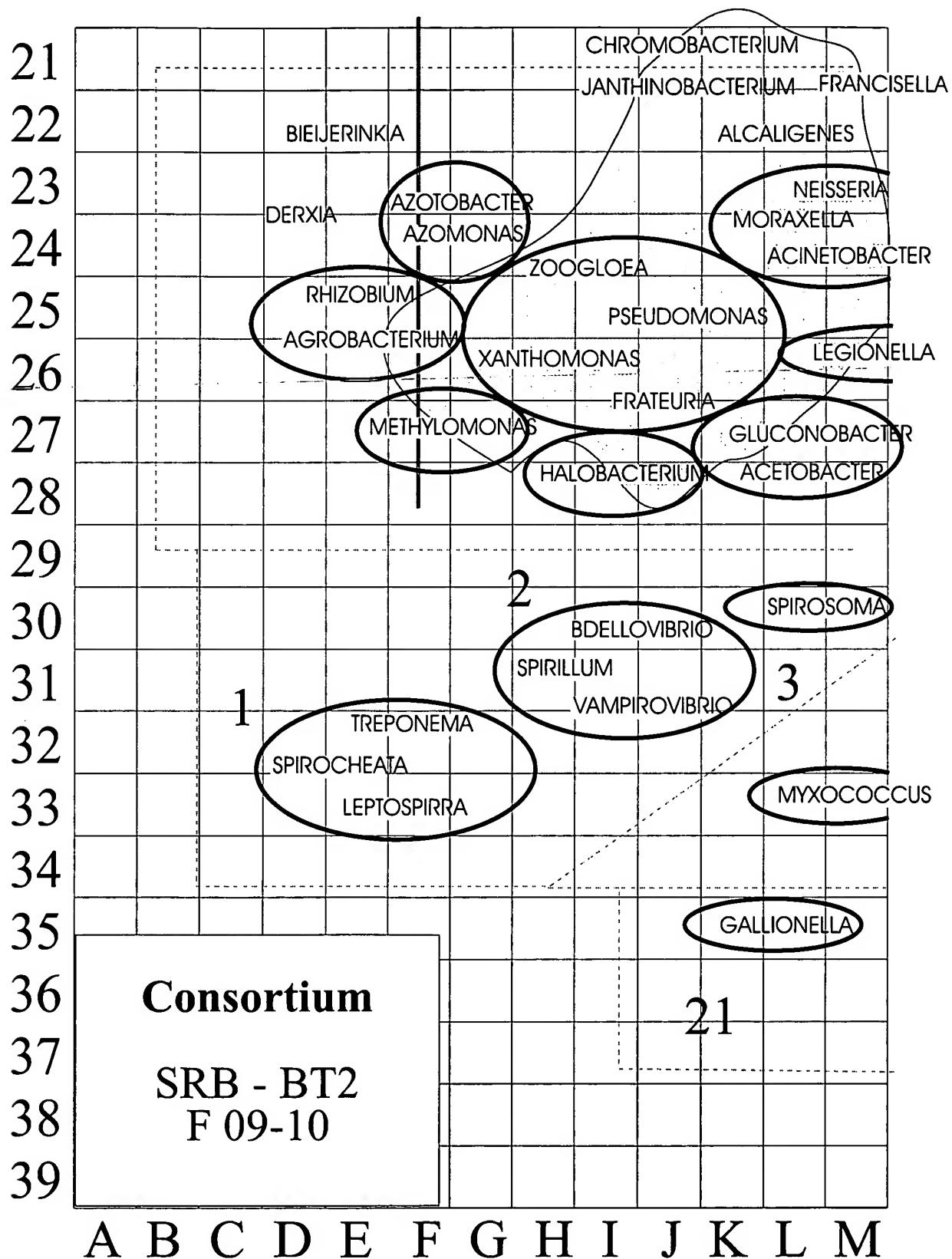


FIG. 4D(3)

REPLACEMENT SHEET

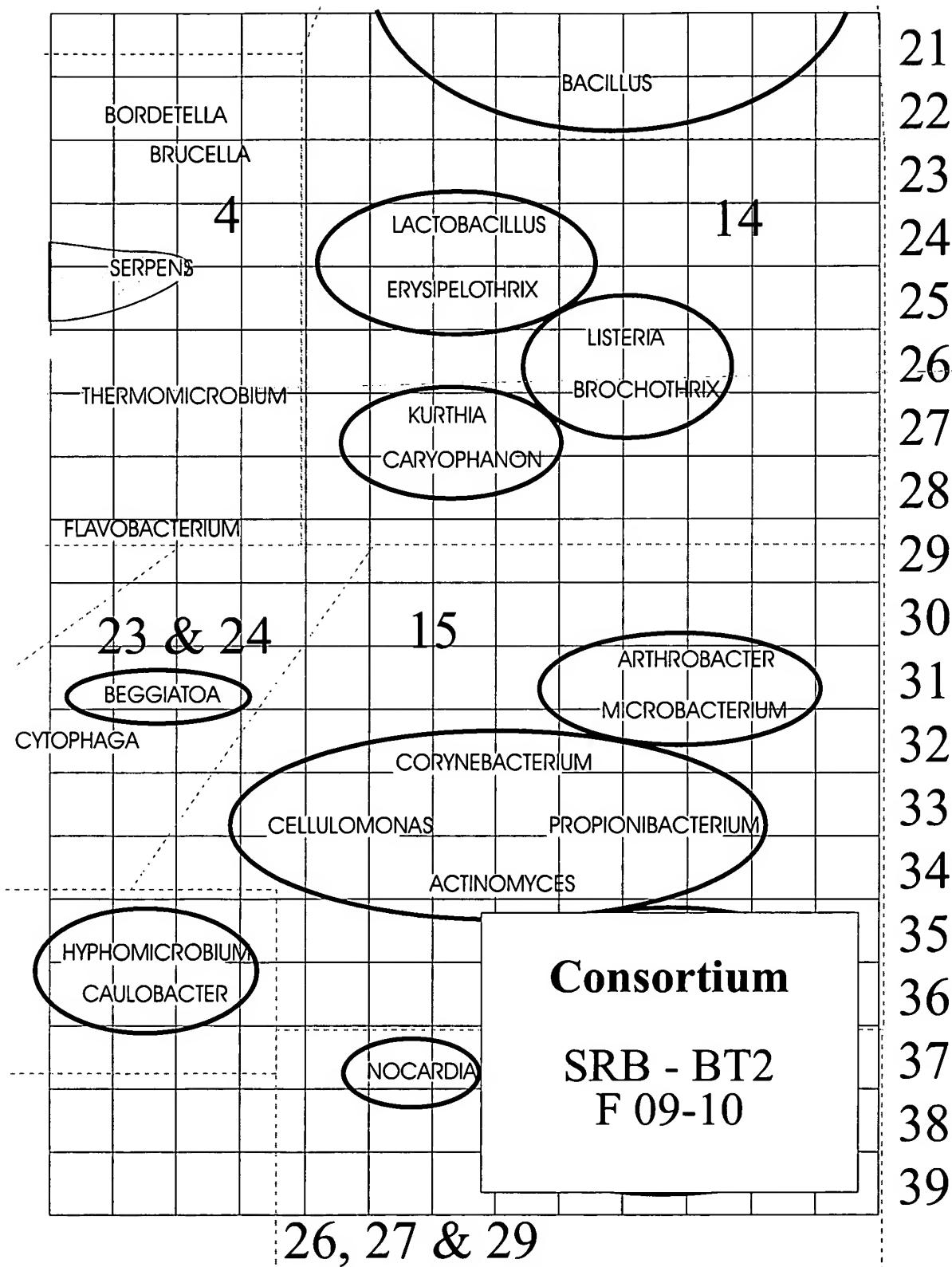


FIG. 4D(4)

FIG. 4E(1)

FIG. 4E(2)

FIG. 4E(3)

FIG. 4E(4)

FIG. 4E

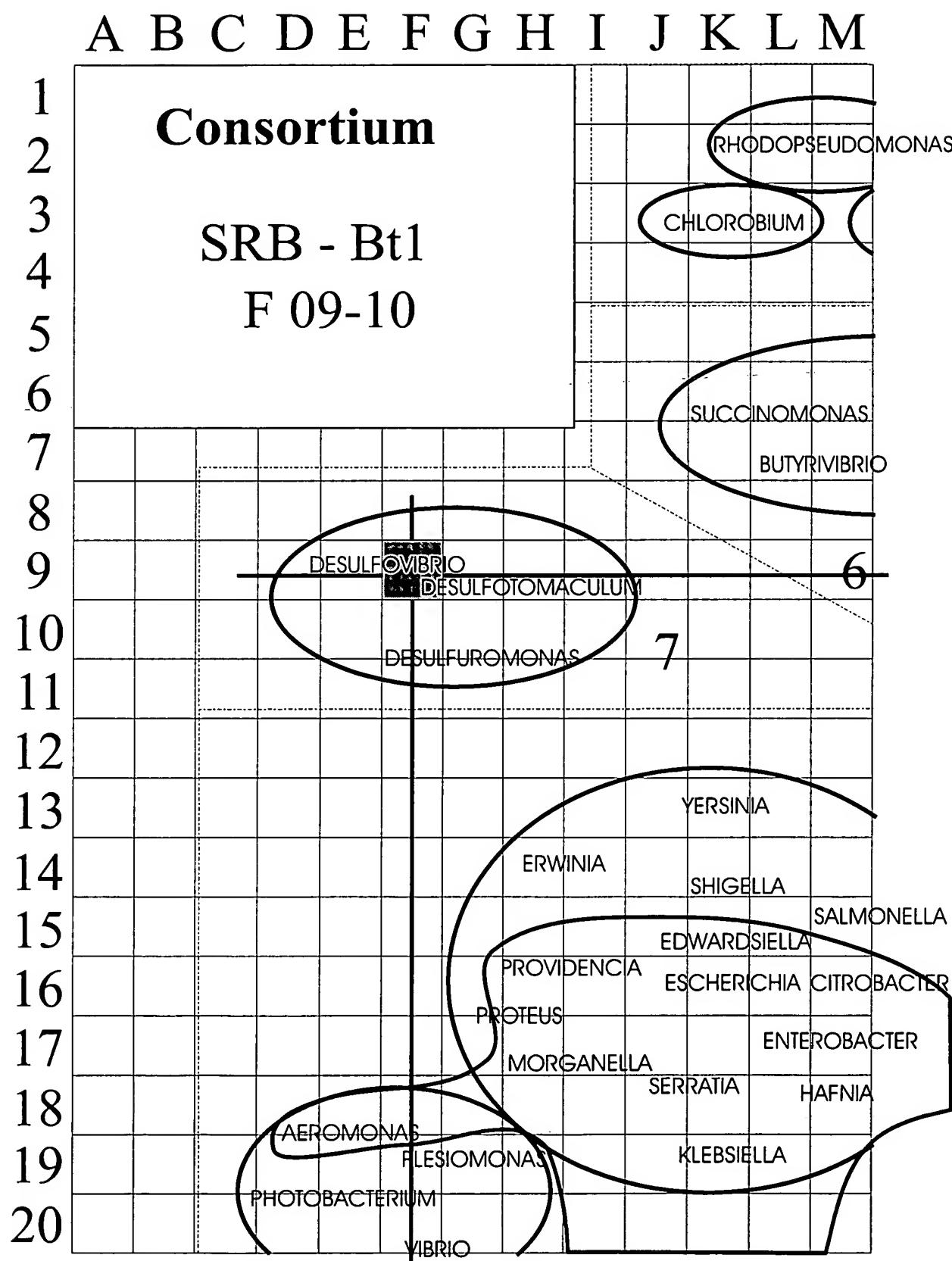


FIG. 4E(1)

N O P Q R S T U V W X Y Z

Consortium

SRB - BT1
F 09-10

BACTEROIDES

LEPTOTRICHIA

AEROCOCEUS

PEDIOCOCCUS

ZYMO MONAS

STREPTOCOCCUS

STREPTOCOCCUS

SARCINA
RUMINOCOCCUS
PEPTOSTREPTOCOCCUS
PEPTOCOCCUS

PIANOCOCCUS

STAPHYLOCOCCUS

MICROCOCCUS

DEINOCOCCUS

CITROBACTER

HAEMOPHILUS

PASTEURELLA

12

MICROCOCCUS

DEINOCOCCUS

KLUYVERA

SPOROSARCINA

5

OSCILLOSPIRA

A 13

FIG. 4E(2)

REPLACEMENT SHEET

21													CHROMOBACTERIUM	
22													JANTHINOBACTERIUM	FRANCISELLA
23													BIEIJERINKIA	ALCALIGENES
24													DERXIA	NEISSERIA
25													AZOTOBACTER AZOMONAS	MORAXELLA
26													RHIZOBIUM	ACINETOBACTER
27													AGROBACTERIUM	ZOOGLOEA
28													XANTHOMONAS	PSEUDOMONAS
29													METHYLOMONAS	FRATEURIA
30													HALOBACTERIUM	GLUCONOBACTER
31													1	ACETOBACTER
32													2	BDELOVIBRIO
33													3	SPIROSOMA
34													SPIROCHEATA	SPIRILLUM
35													LEPTOSPIRA	VAMPIROVIBRIO
36														MYXOCOCCUS
37														GALLIONELLA
38														
39														
40														

A B C D E F G H I J K L M

FIG. 4E(3)

REPLACEMENT SHEET

									21
									22
									23
									24
									25
									26
									27
									28
									29
									30
									31
									32
									33
									34
									35
									36
									37
									38
									39
									40

BORDETELLA
 BRUCELLA
 4
 SERPENS
 THERMOMICROBIUM
 FLAVOBACTERIUM
 23 & 24
 BEGGIA TOA
 CYTOPHAGA
 HYPHOMICROBIUM
 CAULOBACTER
 LACTOBACILLUS
 ERYSIP ELOTHRIX
 KURTHIA
 CARYOPHANON
 15
 CORYNEBACTERIUM
 CELLULOMONAS
 ACTINOMYCES
 NOCARDIA
 BACILLUS
 LISTERIA
 BROCHOTHRIX
 ARTHROBACTER
 MICROBACTERIUM
 PROPIONIBACTERIUM
 EUBACTERIUM
 ACETOBACTERIUM
 STREPTOMYCES
 DERMATOPHILUS
 FRANKIA
 26, 27 & 29

N O P Q R S T U V W X Y Z
FIG. 4E(4)

NEW

FIG. 4F(1)

FIG. 4F(2)

FIG. 4F(3)

FIG. 4F(4)

FIG. 4F

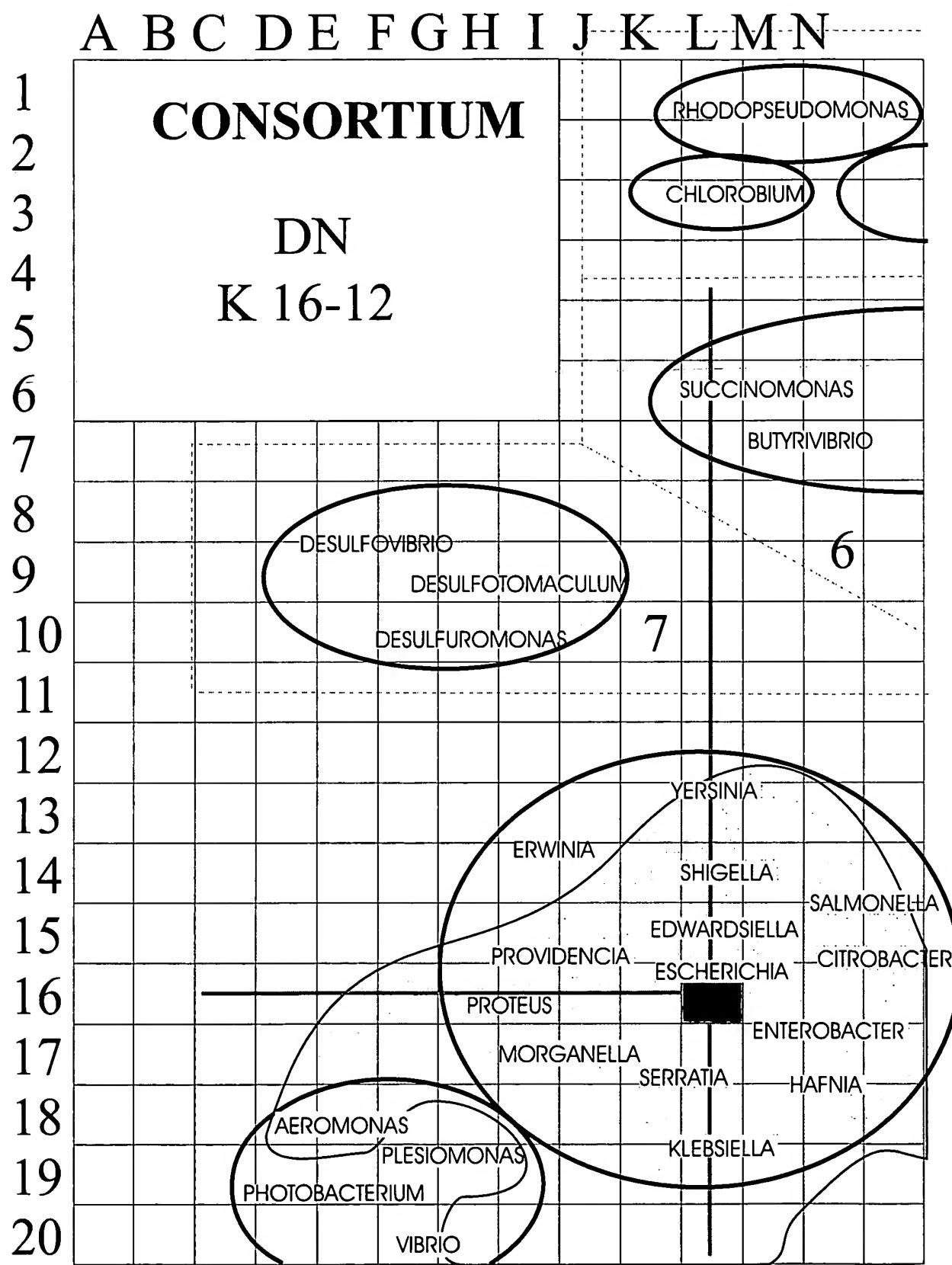


FIG. 4F(1)

N O P Q R S T U V W X Y Z

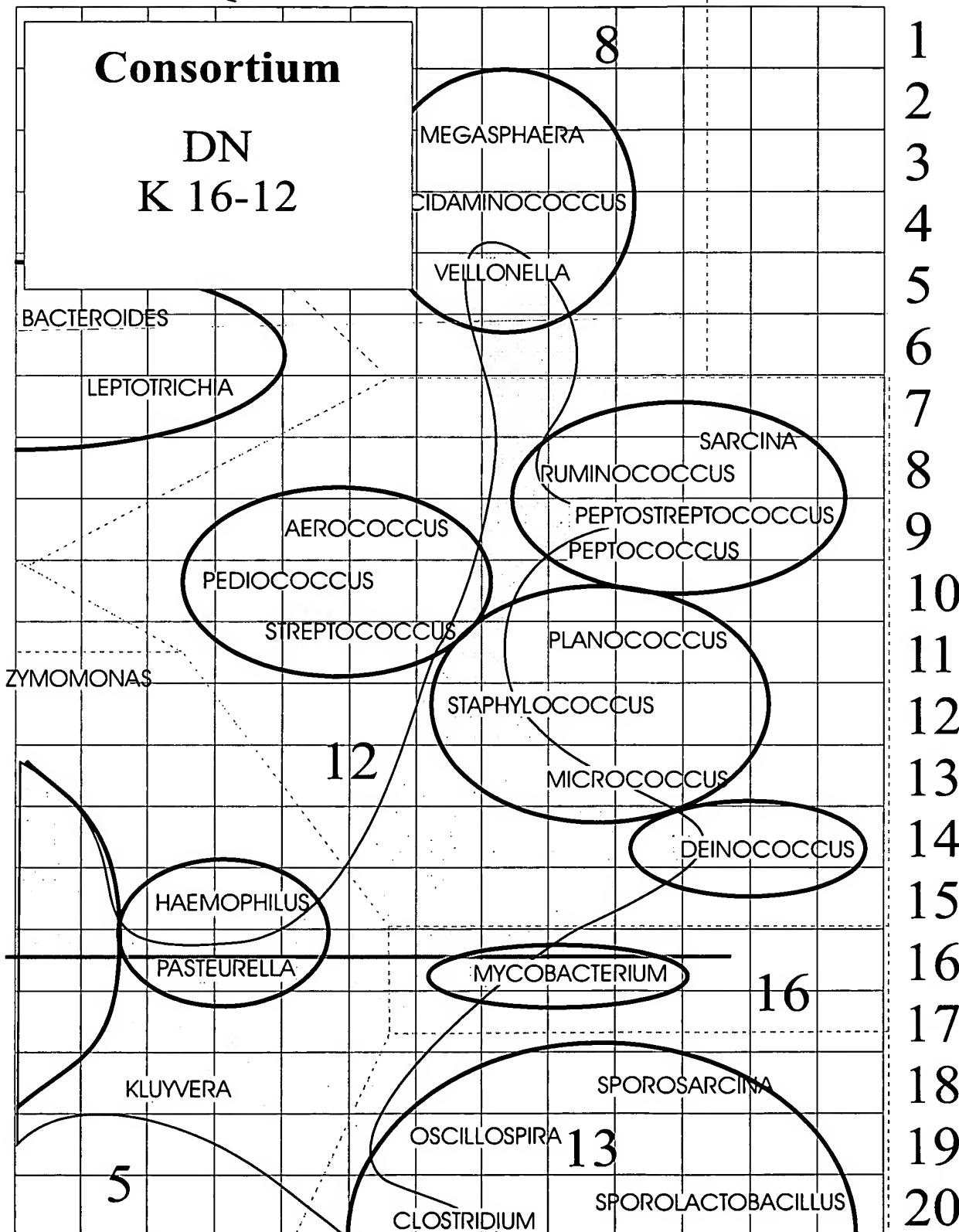
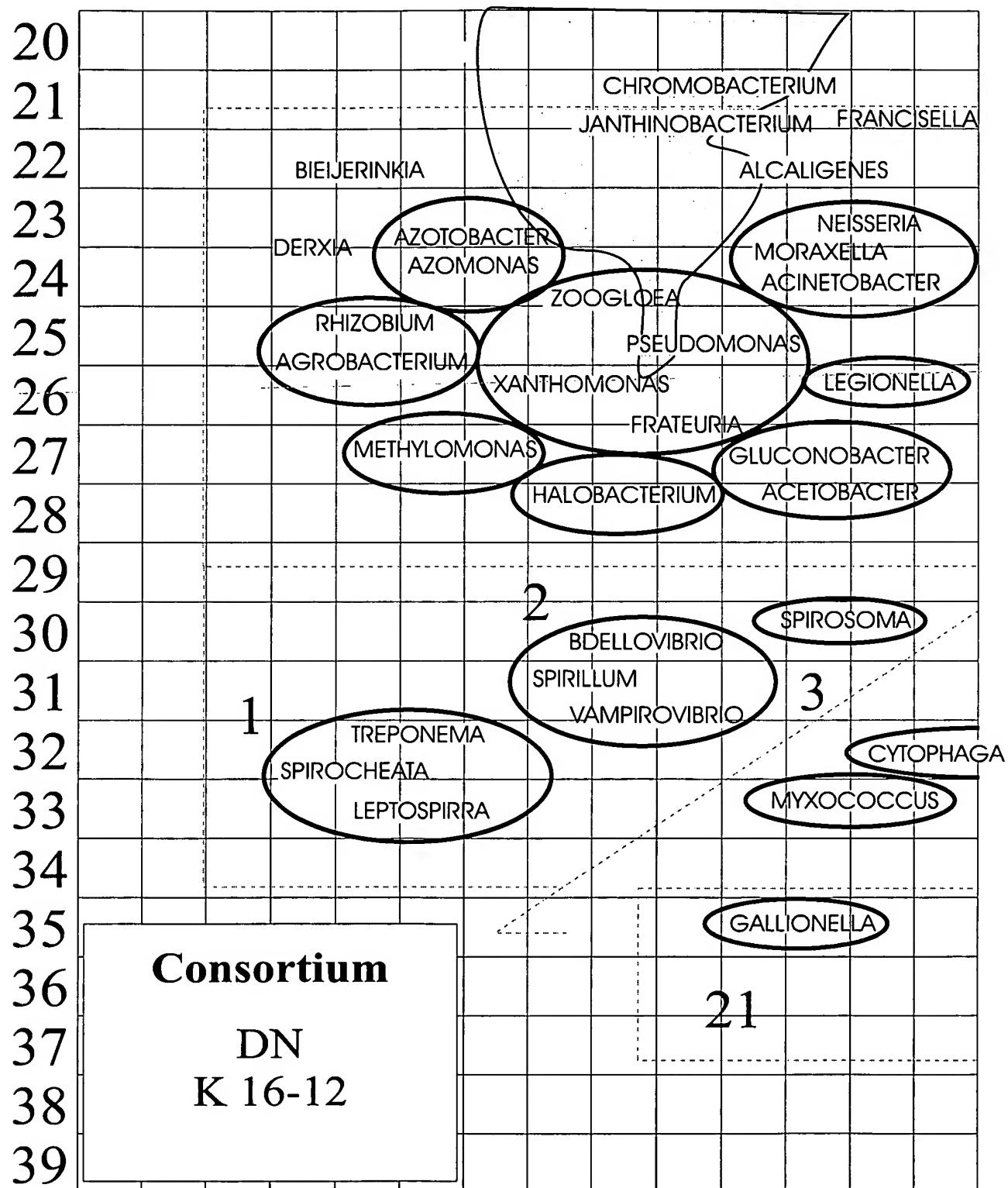


FIG. 4F(2)



A B C D E F G H I J K L M N

FIG. 4F(3)

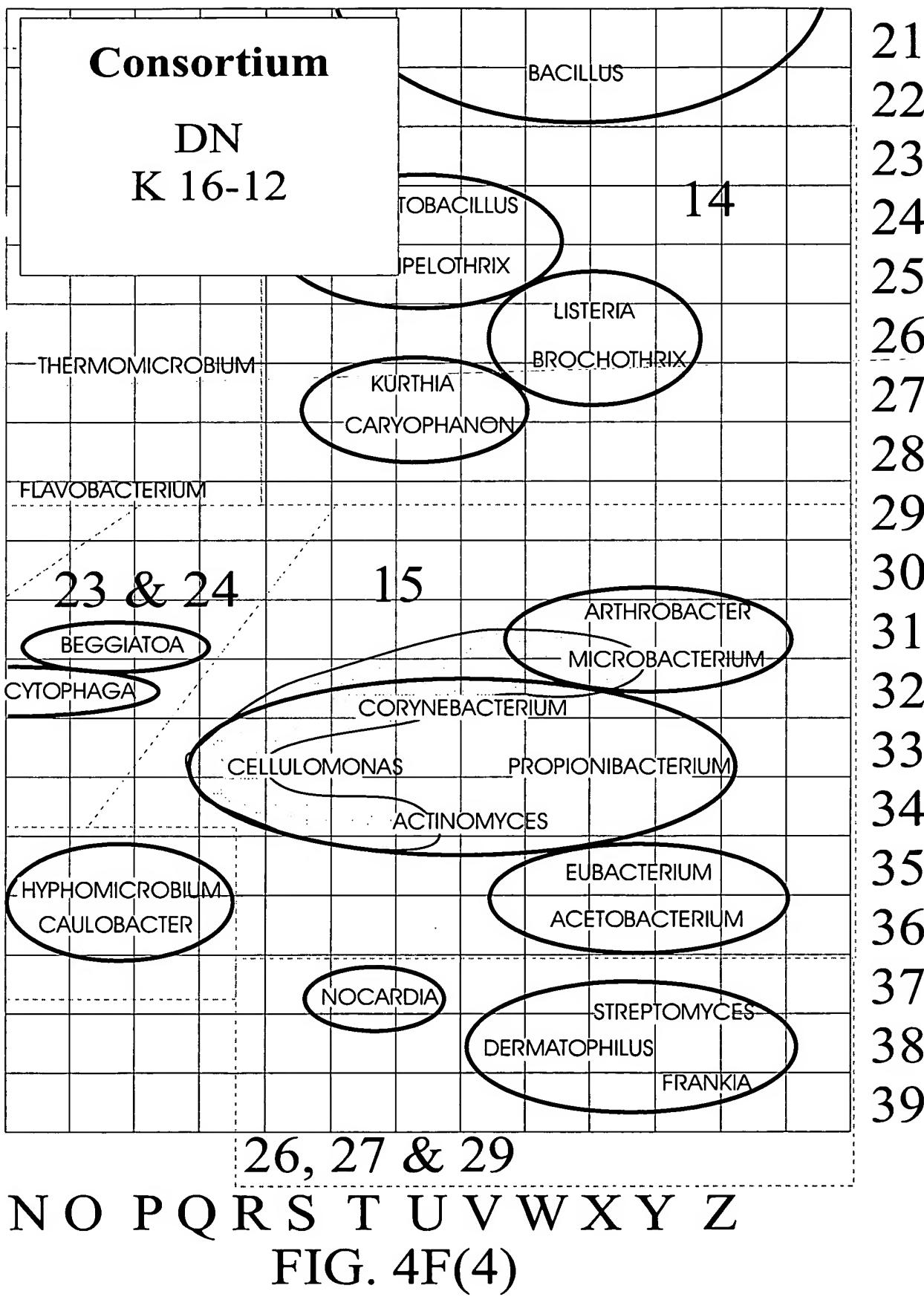


FIG. 4F(4)

NEW

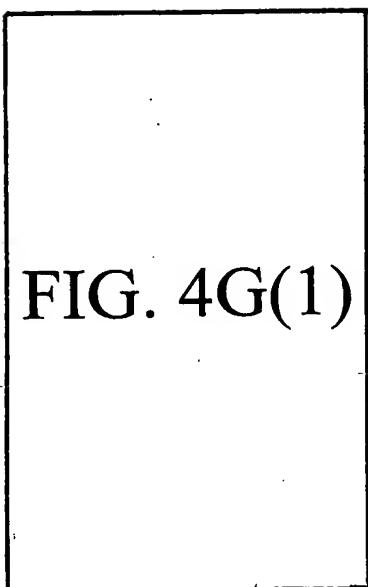


FIG. 4G(1)

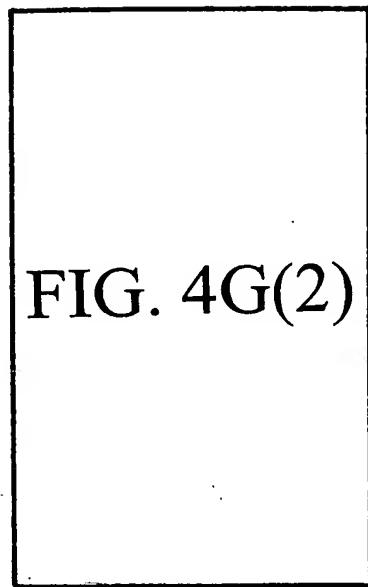


FIG. 4G(2)

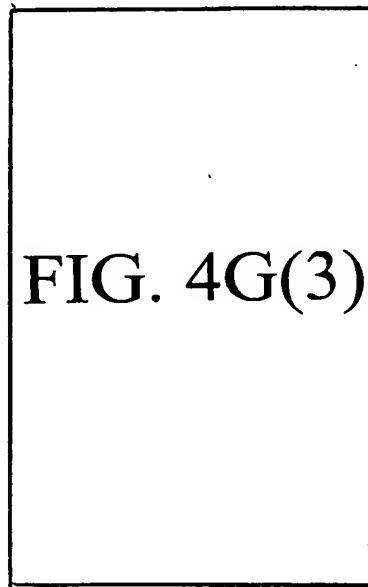


FIG. 4G(3)

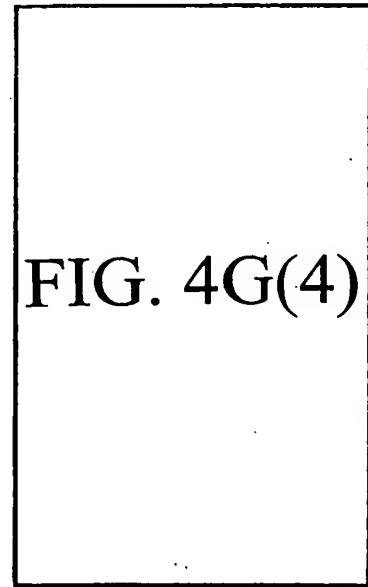


FIG. 4G(4)

FIG. 4G

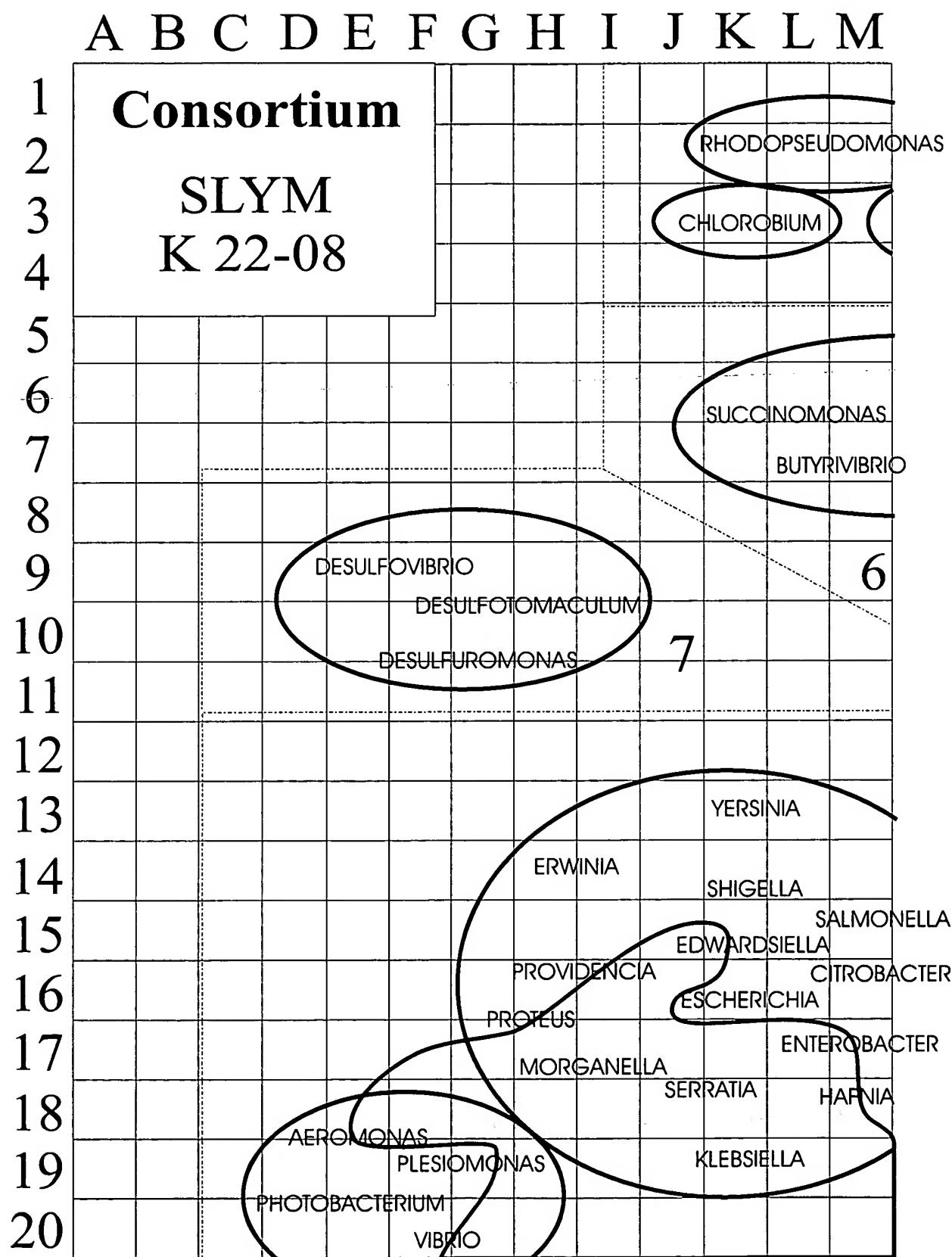


FIG. 4G(1)

N O P Q R S T U V W X Y Z

Consortium

SLYM

K 22-08

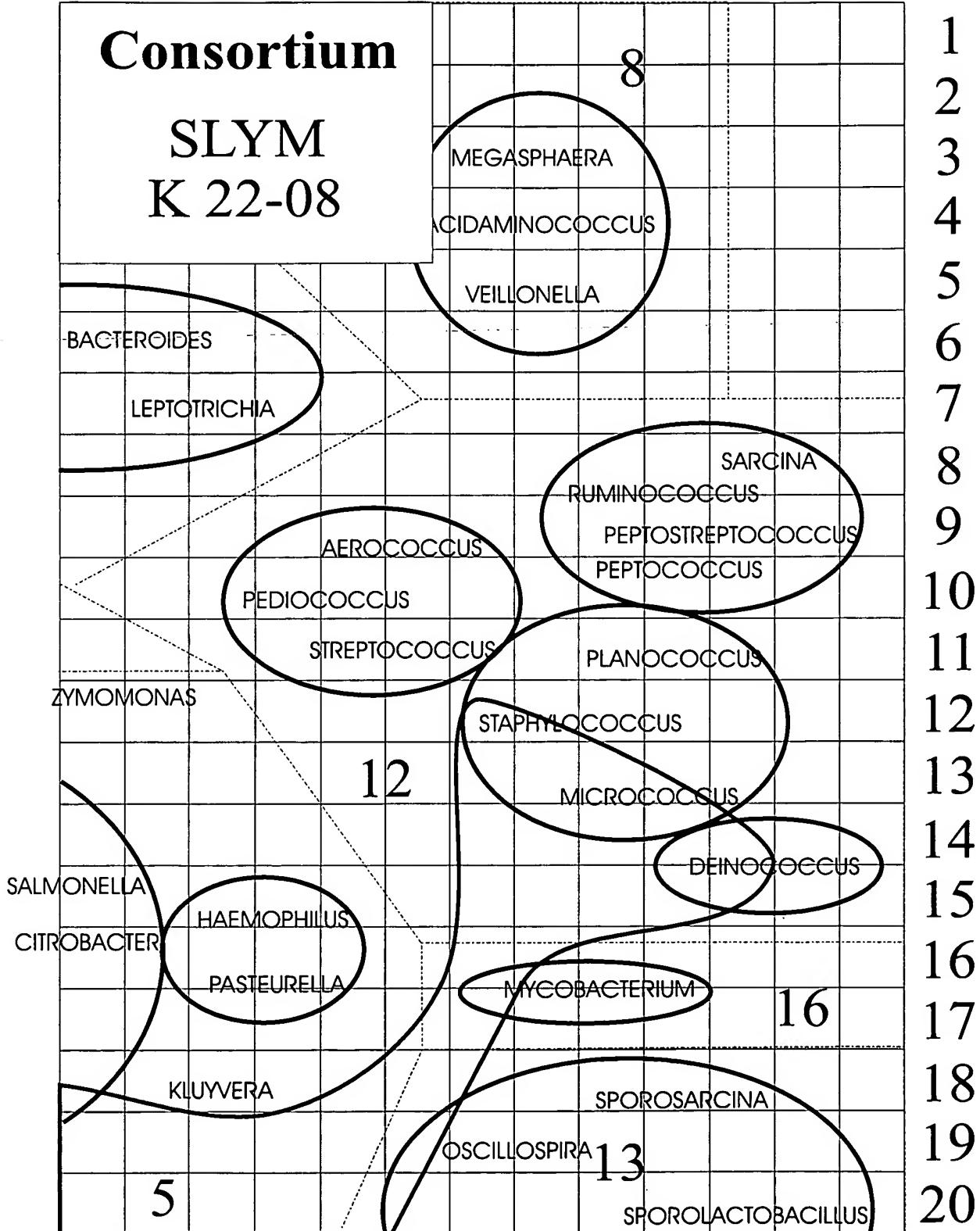
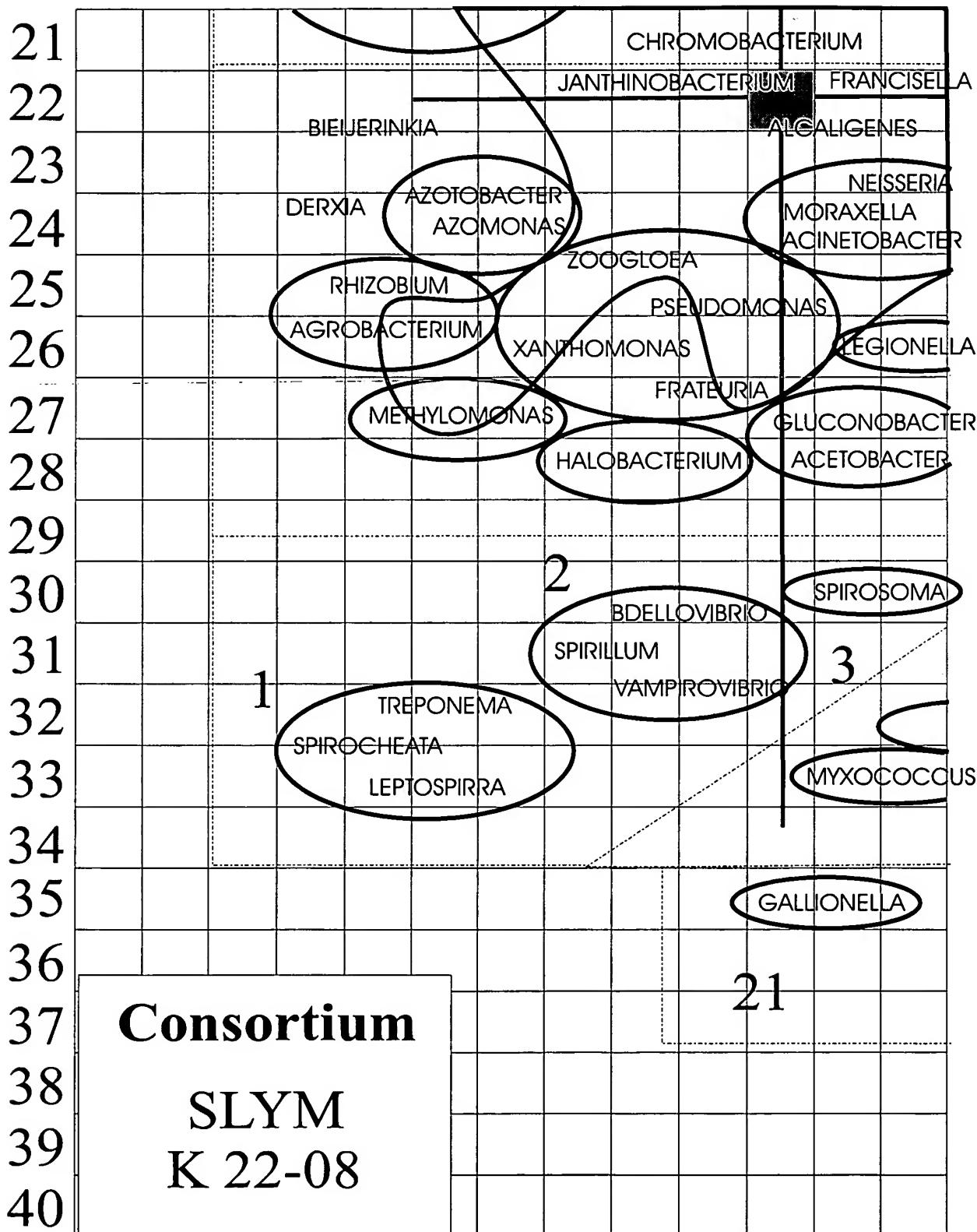


FIG. 4G(2)

REPLACEMENT SHEET



Consortium

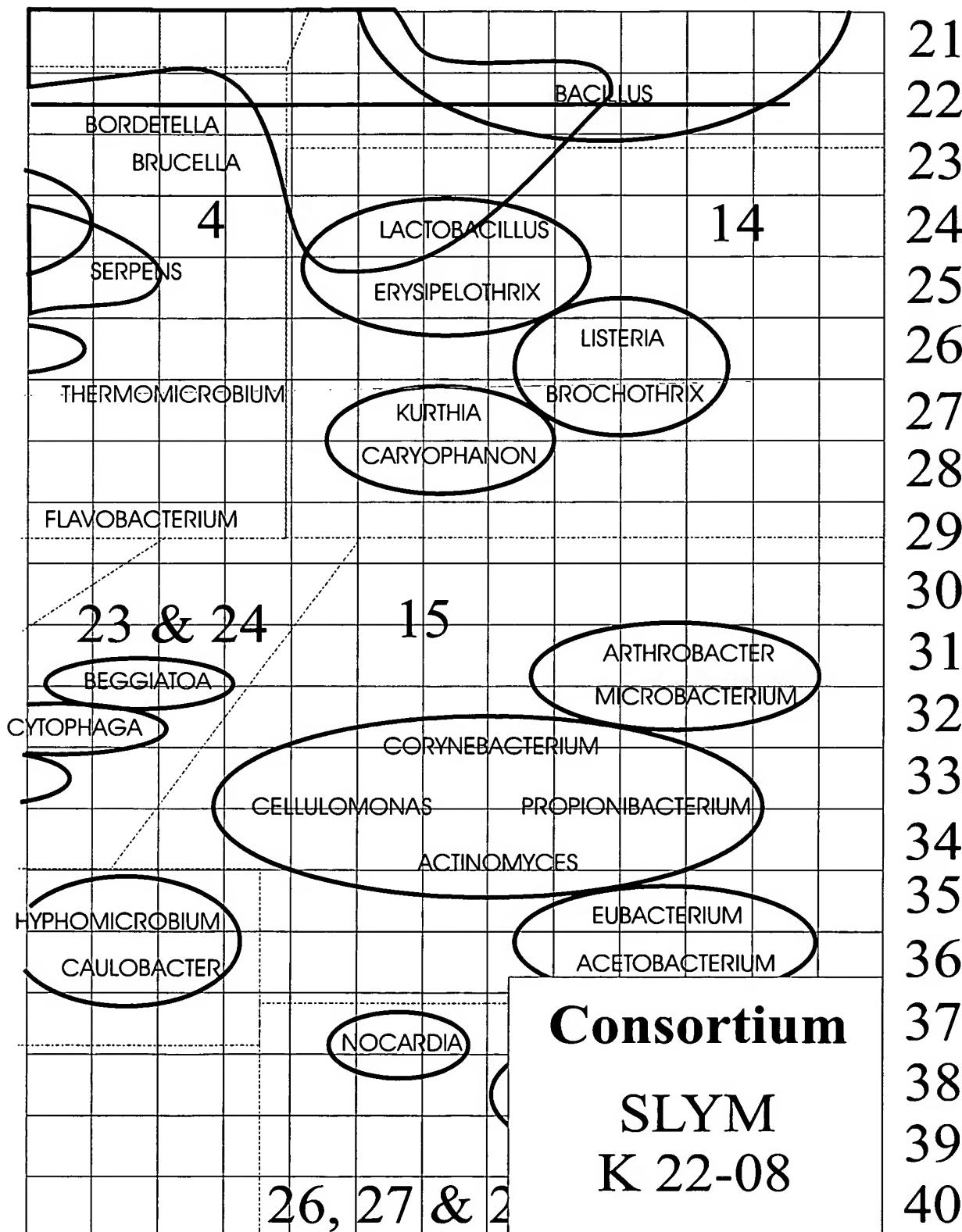
SLYM

K 22-08

21

FIG. 4G(3)

REPLACEMENT SHEET



N O P Q R S T U V W X Y Z
FIG. 4G(4)

NEW

FIG. 4H(1)

FIG. 4H(2)

FIG. 4H(3)

FIG. 4H(4)

FIG. 4H

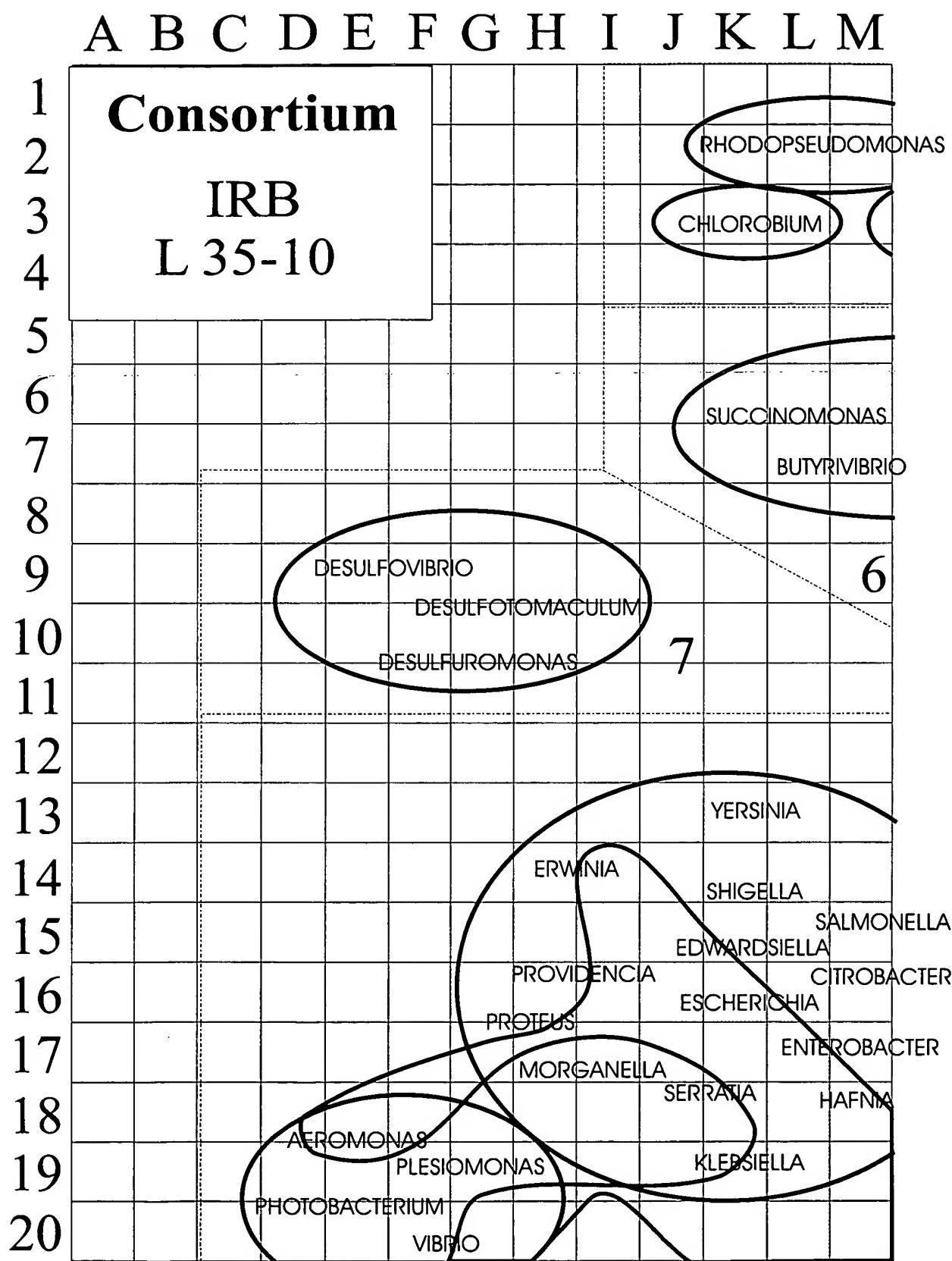


FIG. 4H(1)

N O P Q R S T U V W X Y Z

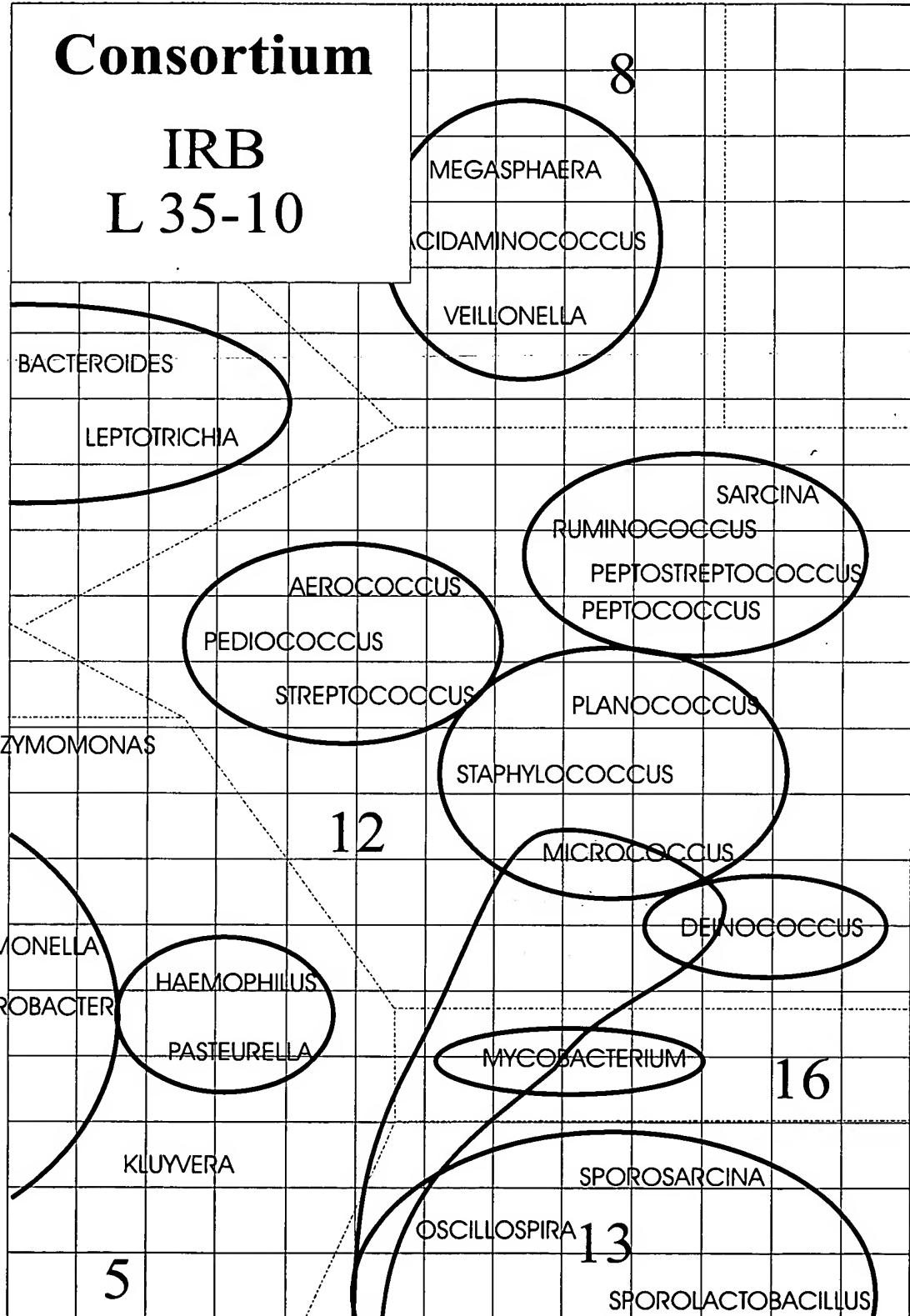
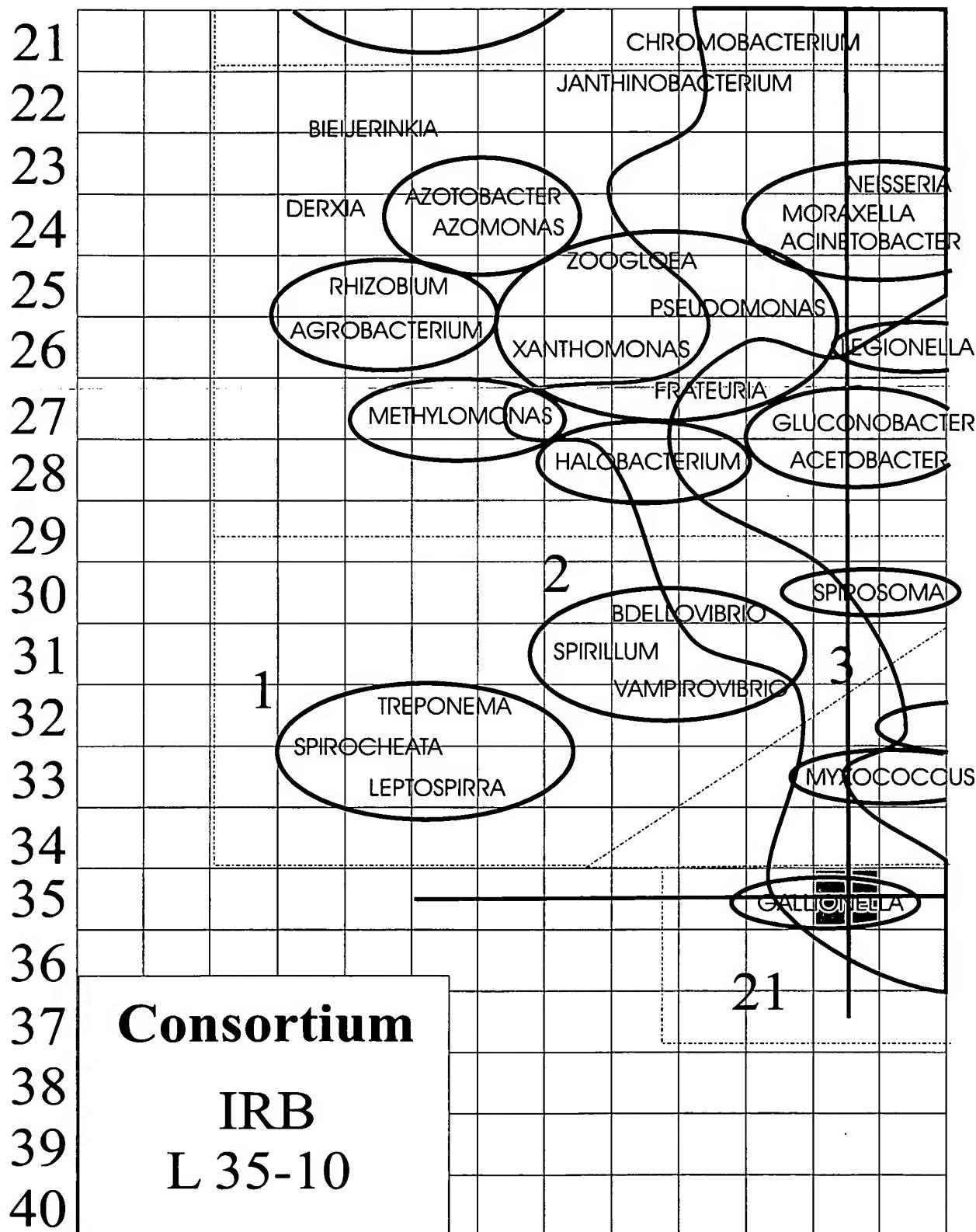


FIG. 4H(2)

REPLACEMENT SHEET



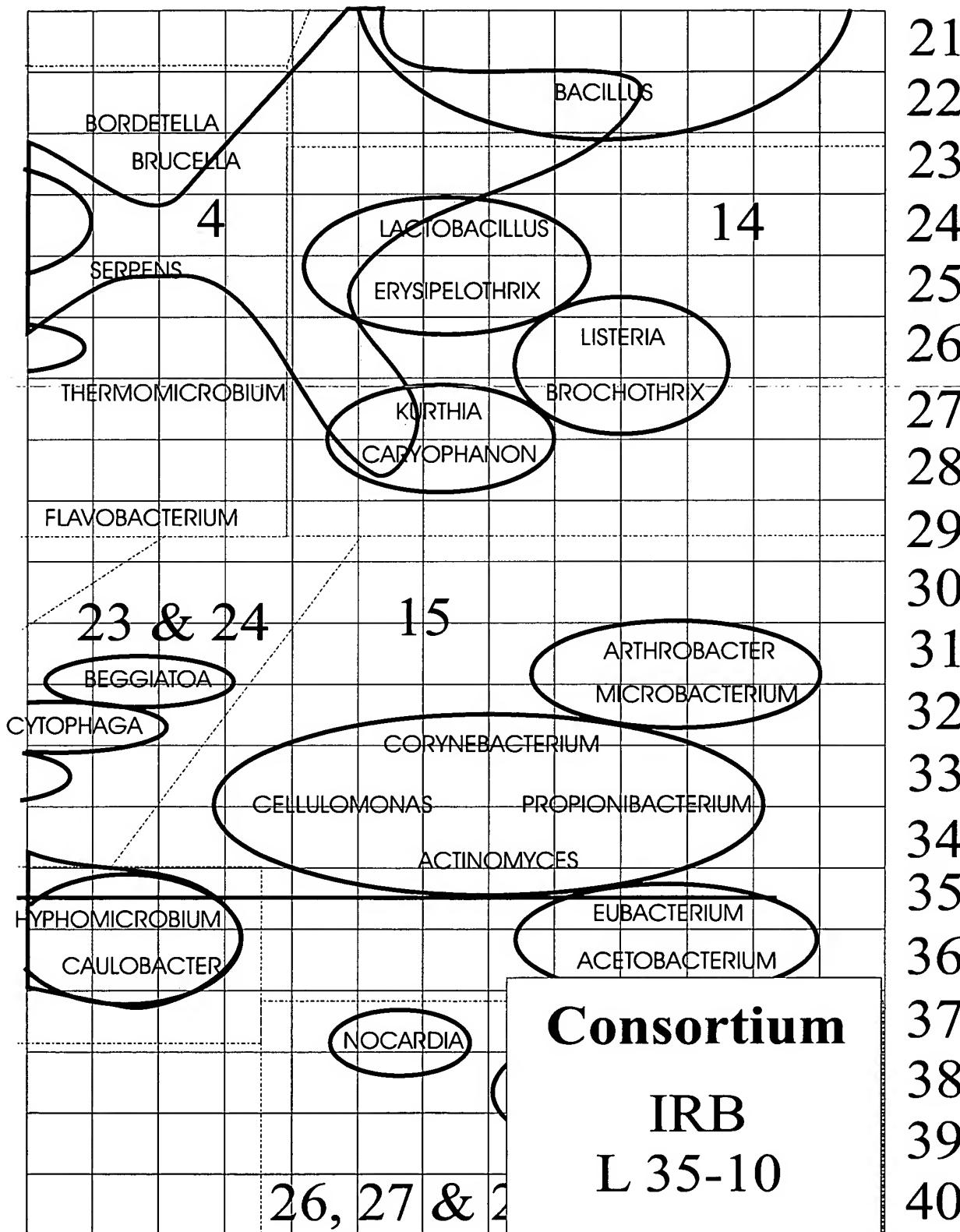
Consortium

IRB

L 35-10

A B C D E F G H I J K L M

FIG. 4H(3)



N O P Q R S T U V W X Y Z
FIG. 4H(4)

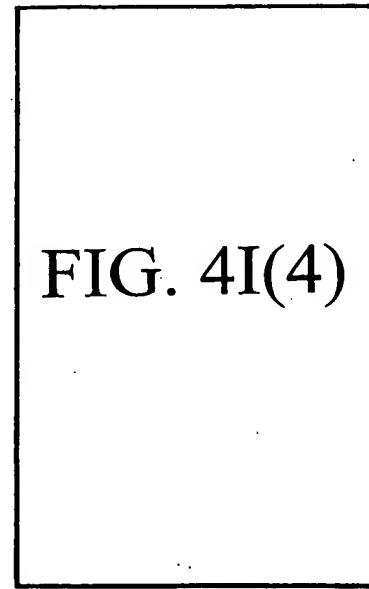
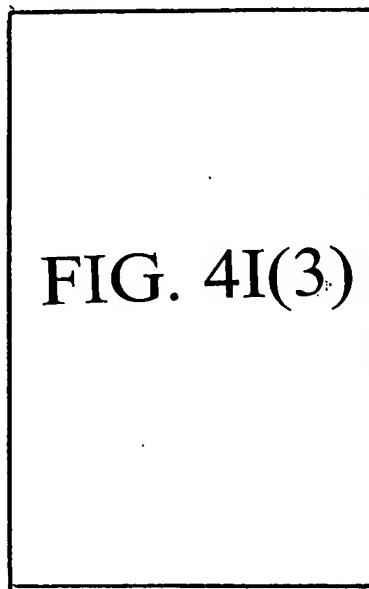
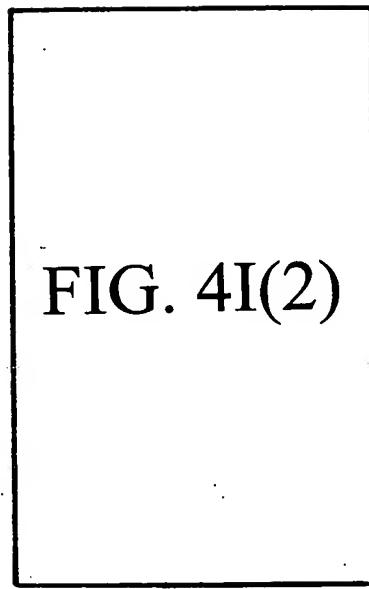
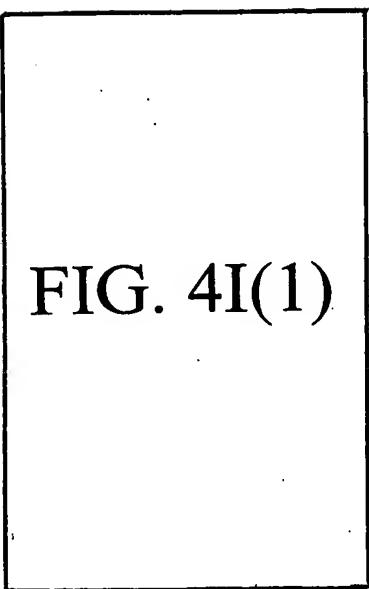


FIG. 4I

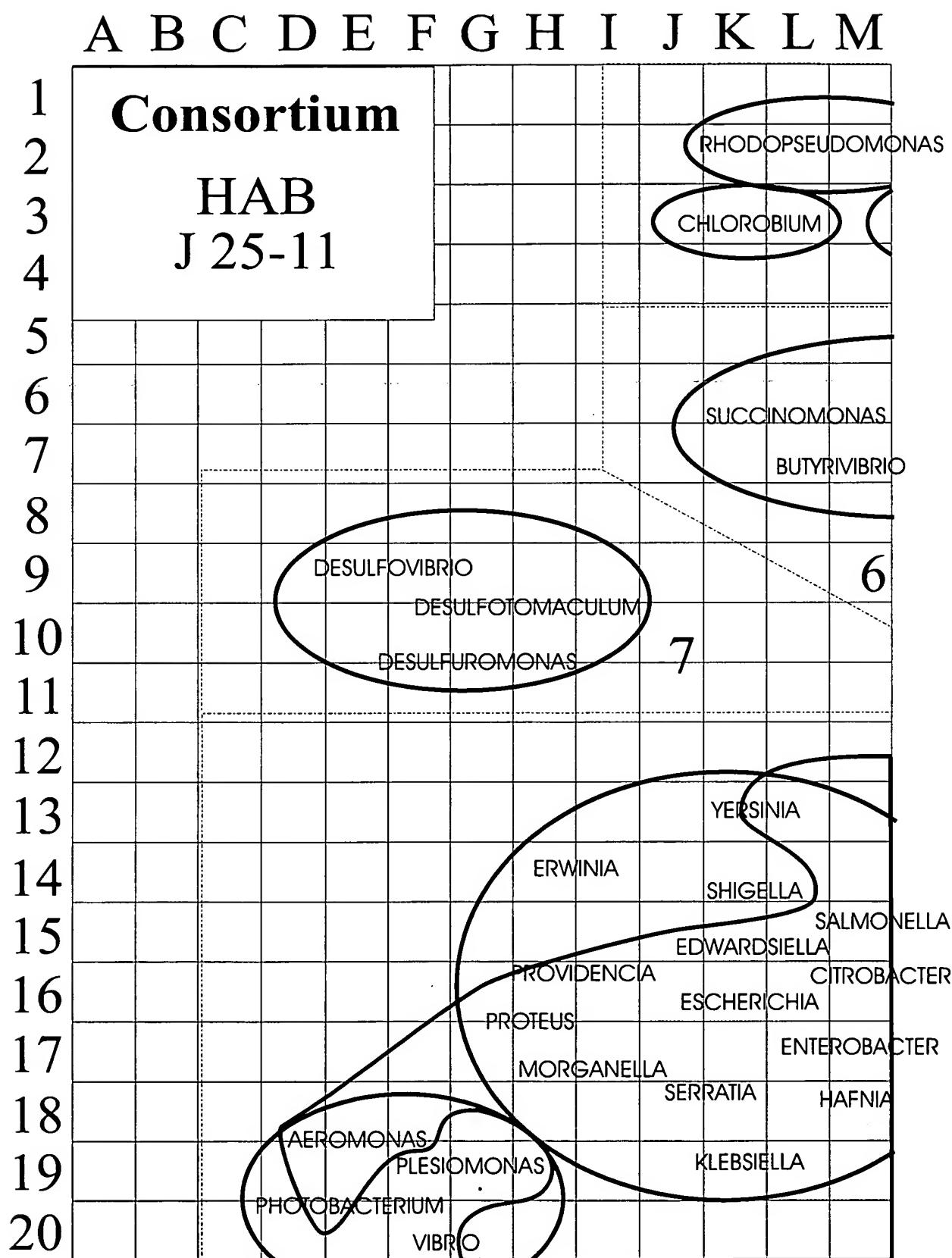


FIG. 4I(1)

N O P Q R S T U V W X Y Z

Consortium

HAB

J 25-11

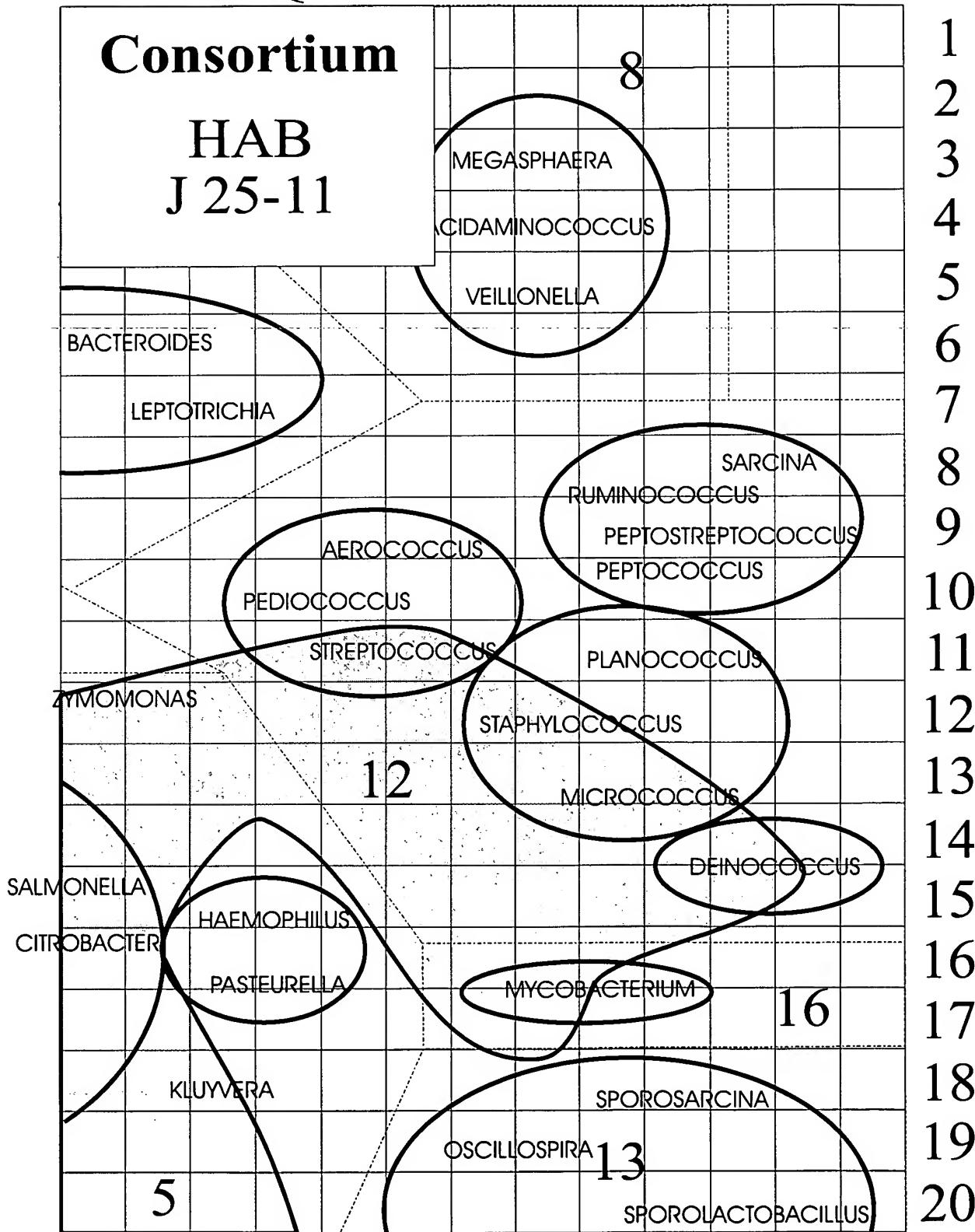
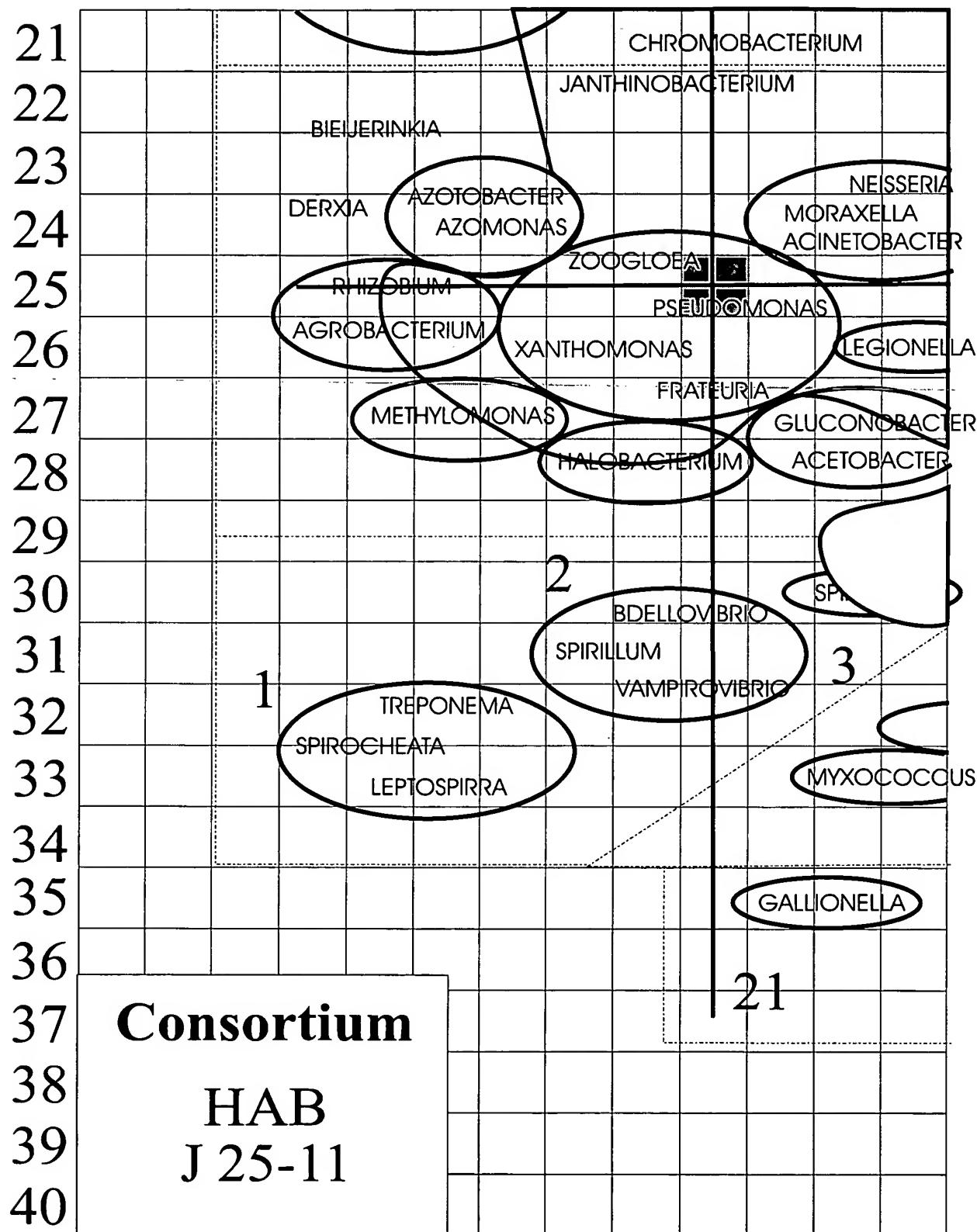


FIG. 4I(2)

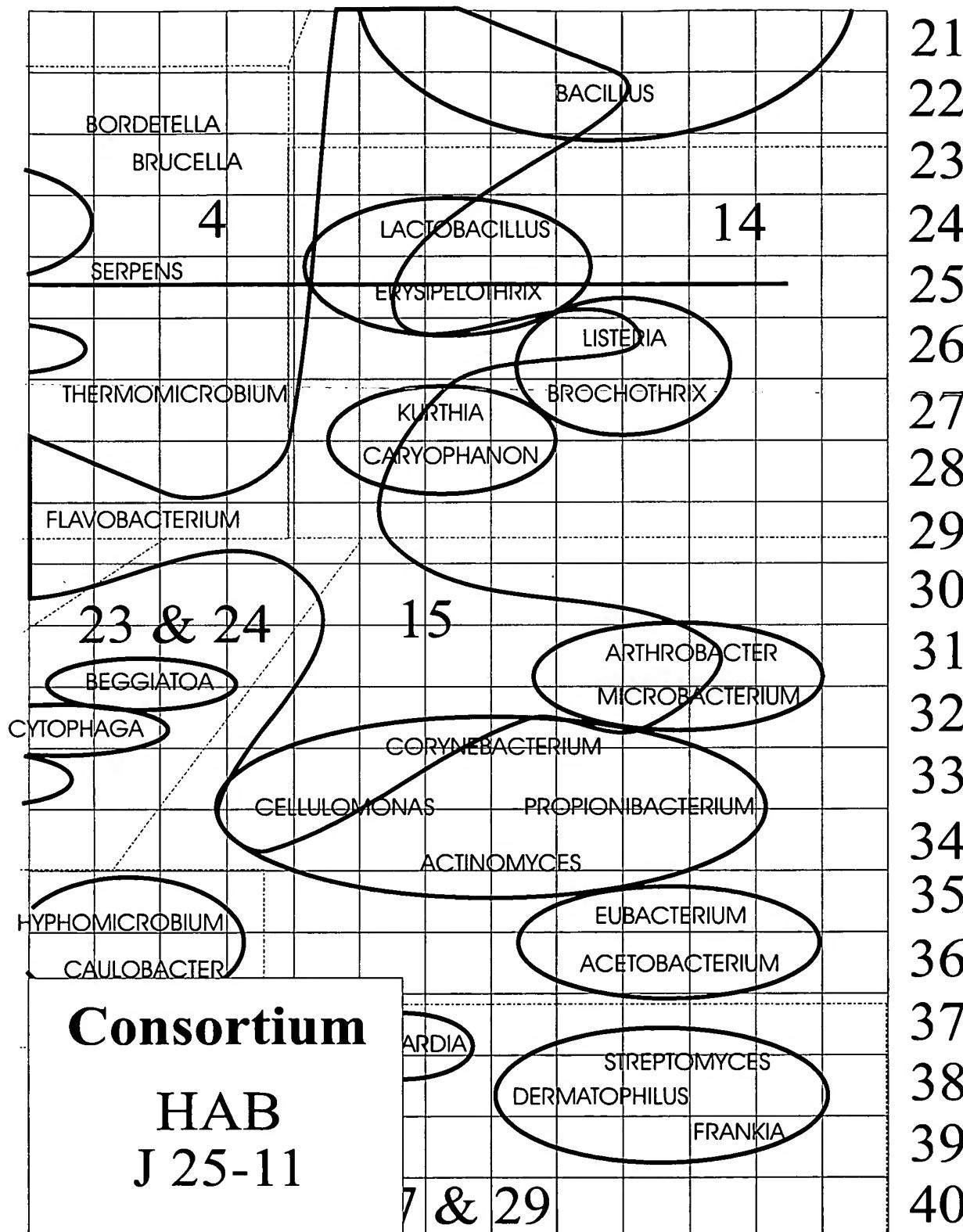
REPLACEMENT SHEET



A B C D E F G H I J K L M

FIG. 4I(3)

REPLACEMENT SHEET



N O P Q R S T U V W X Y Z

FIG. 4I(4)

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- BLACK BORDERS**
- IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- FADED TEXT OR DRAWING**
- BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- SKEWED/SLANTED IMAGES**
- COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- GRAY SCALE DOCUMENTS**
- LINES OR MARKS ON ORIGINAL DOCUMENT**
- REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.